

**HA8000V シリーズ**

**Service Pack for HA8000V (SPH)**

**Version 6.80 5**

**Readme**

2023年12月

## 1. はじめに

このたびは、日立アドバンスサーバ HA8000V シリーズをご利用いただき誠にありがとうございます。  
ご使用になる前に、必ず本内容をご確認ください。

### 1.1 他社所有名称に対する表示

Microsoft および Windows Server は、米国 Microsoft Corporation の米国およびその他の国における登録商標または商標です。

Intel、インテル、Xeon は、アメリカ合衆国およびその他の国における Intel Corporation の商標です。

Linux は、Linus Torvalds 氏の日本およびその他の国における登録商標または商標です。

Red Hat は、米国およびその他の国で Red Hat, Inc. の登録商標もしくは商標です。

iLO は、Hewlett Packard Enterprise Development LP の商標です。

VMware は、米国およびその他の地域における VMware, Inc. の登録商標または商標です。

### 1.2 注意事項

- (1) 本書は改良のため、予告なしに変更することがあります。
- (2) Service Pack for HA8000V のご使用に当たっては、<CD ドライブ>¥EULA に格納された「エンドユーザー使用許諾契約書」をお読みください。
- (3) Service Pack for HA8000V に瑕疵が無いことを保証するものではありません。
- (4) Service Pack for HA8000V は、「3 適用機種及びOS」記載のプラットフォームでご使用いただけます。
- (5) 天災、人災、事故等で Service Pack for HA8000V 使用中に電源が切れまるとシステム装置が正常に動作しなくなることがありますので十分に気を付けてください。
- (6) お客様は、Service Pack for HA8000V 並びに本書の全部又は一部を単独で又は他の情報等と組み合わせ、直接又は間接に以下に該当する取扱いをする場合、「外国為替及び外交貿易」の規制及び米国輸出管理規制等外国の輸出関連法規を確認し、適正な手続きを行う必要があります。
  - 輸出するとき。
  - 海外へ持ち出すとき。
  - 非居住者へ提供し、又は使用させるとき。
  - 上記に定めるほか、「外国為替及び外国貿易法」又は外国の輸出関連法規に定めがあるとき。
- (7) マニュアル『HA8000V シリーズ 重要事項および読替ガイド』には、各種マニュアルをご覧いただく際、事前にご理解いただくべき内容を記載しています。こちらも含めてご参照ください。マニュアルは『[ドキュメントポータル](#)』の「マニュアル > サーバ」-「HA8000V シリーズ」より参照いただけます。

---

本ファイルに含まれている、いかなるファイルの内容の全部またはその一部を、無断で掲載またはコピーすることを固く禁じます。

---

### 1.3 変更履歴

発行日	変更内容
2023年5月	初版
2023年6月	5.3 (3)更新、5.3 (8)追記
2023年12月	5.7.3 更新、その他誤記訂正

## 2. Service Pack for HA8000V (SPH)について

Service Pack for HA8000V(以降 SPH と呼びます)は、1 台または複数台の HA8000V サーバのファームウェア/システムソフトウェアの更新を簡素化するソリューションです。

SPH には、サーバ/コントローラ/ストレージのファームウェア/ドライバ/ユーティリティパッケージが含まれます。また、SPH に収録されている Smart Update Manager(以降 SUM と呼びます)は、更新されたファームウェアおよびシステムソフトウェアをデプロイする推奨ツールです。

SPH/SUM を使うことで、ファームウェアおよびシステムソフトウェアのオンラインアップデートが可能となります。アップデート操作を SUM に統合することにより、個々の HA8000V サーバのアップデートが迅速になり、システム全体のアップデート時間を短縮することができます。

SPH は定期的にリリースされます。最新版の SPH を使用して更新することを推奨します。

## 3. 適用機種及びOS

SPH のバージョン及び適用機種/適用 OS の組み合わせについては、「[Service Pack for HA8000V 補足資料 \(Readme\)](#)」の『サポートモデル/OS 一覧』を参照ください。

### 3.1 適用機種

- HA8000V/DL20 Gen10 (U43)
- HA8000V/DL20 Gen10 Plus (U60)
- HA8000V/DL360 Gen10 (U32)
- HA8000V/DL360 Gen10 Plus (U46)
- HA8000V/DL380 Gen10 (U30)
- HA8000V/DL380 Gen10 Plus (U46)
- HA8000V/DL580 Gen10 (U34)
- HA8000V/ML30 Gen10 (U44)
- HA8000V/ML30 Gen10 Plus (U61)
- HA8000V/ML350 Gen10 (U41)

### 3.2 適用 OS

- Microsoft® Windows Server® 2022
- Microsoft® Windows Server® 2019
- Red Hat® Enterprise Linux® Server 8.6
- VMware ESXi™ 7.0

## 4. 変更内容

本章では、今回のリリースの変更内容を記載しています。

### 4.1 新規サポート内容

#### (1) 追加サポート機種及びOS

- 追加サポート機種

なし

- 追加サポートOS

➤ Red Hat® Enterprise Linux® Server 8.6

#### (2) 追加サポートデバイス

なし

#### (3) サポート除外機種及びOS

- サポート除外機種

なし

- サポート除外OS

➤ Red Hat® Enterprise Linux® Server 8.5

### 4.2 更新内容

『6.3 パッケージの変更内容』を参照ください。

## 5. 注意事項

本章では、SPH をご使用になる上で、注意頂く内容を記載しています。

### 5.1 ドライバ・ユーティリティなどの適用について

最新のドライバ・ファームウェア・ユーティリティなどを、「[日立アドバンスドサーバ HA8000V シリーズ ホームページ](#)」で提供しております。

各アップデートプログラムの適用についてはお客様責任にて実施していただきますが、システム装置を安定してご使用いただくためにも、ホームページの[ サポート ]ー[ ダウンロード ] に定期的にアクセスして、最新のドライバ・ファームウェア・ユーティリティへ更新していただくことをお勧めします。

### 5.2 OS の新規・再セットアップの場合の注意事項

OS の新規・再セットアップの際、初回の SPH 適用では、ファームウェアコンポーネントを除外し、ドライバ/ユーティリティコンポーネントのインストールを先に実施してください。これにより、デバイスの検出及びファームウェアの書き込みに適切なドライバ/ユーティリティがインストールされます。ドライバ/ユーティリティのインストール後は、OS を再起動し、再度 SUM を実行してファームウェアの更新を行ってください。

SUM でファームウェアコンポーネントを除外し、ドライバ/ユーティリティコンポーネントのみのインストールを指定するには、次の手順により行います。

GUI の場合：

SUM を起動し、「展開サマリー(Deployment summary)」画面右上の[ アクション(Actions) ]-[ アドバンスドオプション(Advanced Options) ]から「アドバンスドオプション(Advanced Options)」画面を開き、「インストールオプション(Installation Options) “の項目で“ソフトウェアのアップグレード(Upgrade Software) “を選択し、“OK“ボタンを押してください。

CLI の場合：

"--softwareonly"パラメータを使用してください。

例) # ./smartupdate --s --softwareonly

### 5.3 SUM によるアップデート時の注意事項

(1) ファームウェア/ドライバの依存関係について

アップデート対象のファームウェア/ドライバには依存関係を持つ場合があります、一度の SUM の実行では全て更新できない場合があります。このため、SUM アップデート後、全ての更新対象がアップデートされているかを確認してください。もし、アップデートされていないパッケージがある場合、再度 SUM を実行してください。全てアップデートされたかは、次の手順により確認できます。

GUI の場合：

SUM を起動し、「展開サマリー(Deployment summary)」画面にて、「推奨されたコンポーネント」数表示が、“0”となっていることを確認してください。

CLI の場合：

"--report"パラメータを使用してレポート作成し、作成されたレポートを参照してください。レポート出力先は画面に表示されます。レポートを参照し、“Install Needed”の項目が、“0”となっていることを確認してください。

例) # ./smartupdate --report

(2) 適用バージョンについて

SUM を使用して更新作業を行う場合、適用対象として自動選択されるものは、新規にインストールされるもの、および SPH 収録バージョンが適用済みバージョンより新しいものとなります。

ネットワークアダプタ及びファイバーチャネルホストバスアダプタは、SPH 収録のドライバ/ファームウェアの組み合わせでご使用いただくことを推奨しています。適用済みバージョンが SPH 収録済みバージョンより新しい場合、該当コンポーネントが適用対象として自動選択されません。その場合、以下の手順で対象コンポーネントを手動で選択し、適用してください。

#### 【手動適用方法】

SUM を起動し、「展開サマリー(Deployment summary)」画面で、「コンポーネントの選択状態」が「選択」表示(\*)となっているコンポーネントを確認し、ネットワークアダプタファームウェアまたは、ファイバーチャネルホストバスアダプタのファームウェアの場合は、当該コンポーネントを選択(\*)して、「展開(Deploy)」ボタンを押してください。

※：コンポーネントが選択されると、「コンポーネントの選択状態」が、「選択済み」もしくは「強制」と表示されます。

【注意】

デバイスによっては、適用バージョンに関して、個別にアドバイザリが発行されている場合があります。本ファームウェアの適用に当たっては、アドバイザリを参照してください。

(3) SUM の展開モードに関する補足説明

SUM にはいくつかのアップデート方法(展開モード)があります。展開モードにより、対象 OS/更新対象および利用形態が異なりますので、以下の表を参照の上、展開モードを決定してください。

SUM 展開モード		展開対象 OS(※1)			更新対象		iso イメージの利用形態	
		Windows	RHEL	VMware	ファームウェア	ソフトウェア (ドライバ、ユーティリティ等)	ファイル(※4)	媒体書き込み(※5)
オンライン	ローカル	○	○	—	○	○	○	○
	リモート(※2) (OS を介したアップデート)	○	○	—	○	○	○	○
	リモート(※3) (iLO レポジトリアップデート)	○	○	○	○	○	○	○
オフライン		○	○	○	○	—	—	○

※1：ゲスト OS は対象外。

※2：対象ノードにホスト OS の IP アドレスを指定した場合。


※3：対象ノードに iLO アドレスを指定した場合。対象ノードのホスト OS に iSUT 及び AMS のインストール・設定が必要

※4：ダウンロードまたはコピーした、ストレージデバイス上の iso イメージファイル。

※5：iso イメージを書き込んだ、DVD/USB 等のブータブルメディア。

(4) SUM GUI での適用パッケージの選択について

SUM GUI を使用している場合、インベントリが完了すると展開(Deploy)するパッケージの確認画面が表示されます。

確認画面では、選択した SPH/ベースラインに含まれる更新パッケージのうち、対象装置に適用可能なパッケージが表示され、適用が推奨される(現在のバージョンより新しい)パッケージが展開対象として自動的に選択されます。(選択されたパッケージは、行背景が反転し「選択済み」(  ) または「Selected」

()ボタン表示となります。ボタンをクリックすると、選択が解除され「選択」()「Select」()ボタン表示となります。)

自動選択されなかったパッケージは、「強制」()または「Force」()ボタンをクリックすることで強制的に適用対象とすることができます。(強制適用を選択した場合、行背景が反転し「強制」()「Forced」()ボタンで表示されます。)

#### 【注意】

ファームウェア/ドライバ/ユーティリティは、別途ご案内のない限り、最新のものをご使用いただくことを推奨しています。特に、強制適用を選択した場合、選択したバージョンが古いとダウングレードとなりますので、意図せずダウングレードしてしまうことが無いよう、操作には注意してください。

#### (5) Linux 環境における適用パッケージのOSライブラリ依存について

Linux 環境で利用するパッケージには、特定の os ライブラリを前提とするものがあります。そのパッケージを適用する際、前提とする os ライブラリが事前にインストールされていない場合、インベントリ完了後、または展開(Deploy)完了後に依存関係エラーとなります。

エラーが発生する場合、以降記述の各エラー表示例をご参照頂き、依存ファイルとして表示されるファイル/ライブラリをインストール後、再度 SPH を適用して下さい。

なお、依存する os ライブラリは、依存関係解消後に新たな依存関係が発生する場合があります、その場合は依存関係エラーが解消するまで、SPH 適用を繰り返す必要があります。

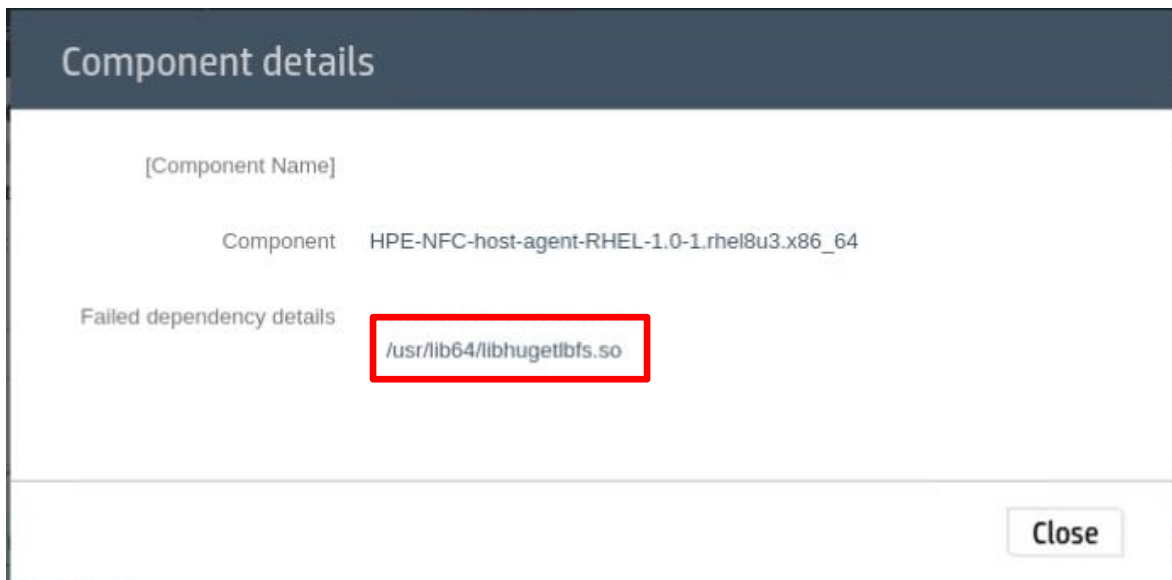
#### 【インベントリ完了後のエラー表示】

エラーが発生したパッケージは、赤丸(赤枠内)で表示されます。

<input type="button" value="Selected"/>	HPE NFS host agent for RedHat Enterprise Linux(RHEL) Server -7/8 (HPE-NFC-host-agent-RHEL-1.0-1.rhel8u3.x86_64)	<input type="radio"/>	Software	Recommended	1.0-1.rhel8u3	No
---	---	-----------------------	----------	-------------	---------------	----

上記赤枠内の赤丸をダブルクリックすると次のダイアログが表示され、“Failed dependency details”として、インストールが必要となるファイル/ライブラリが表示されます。(赤枠内)



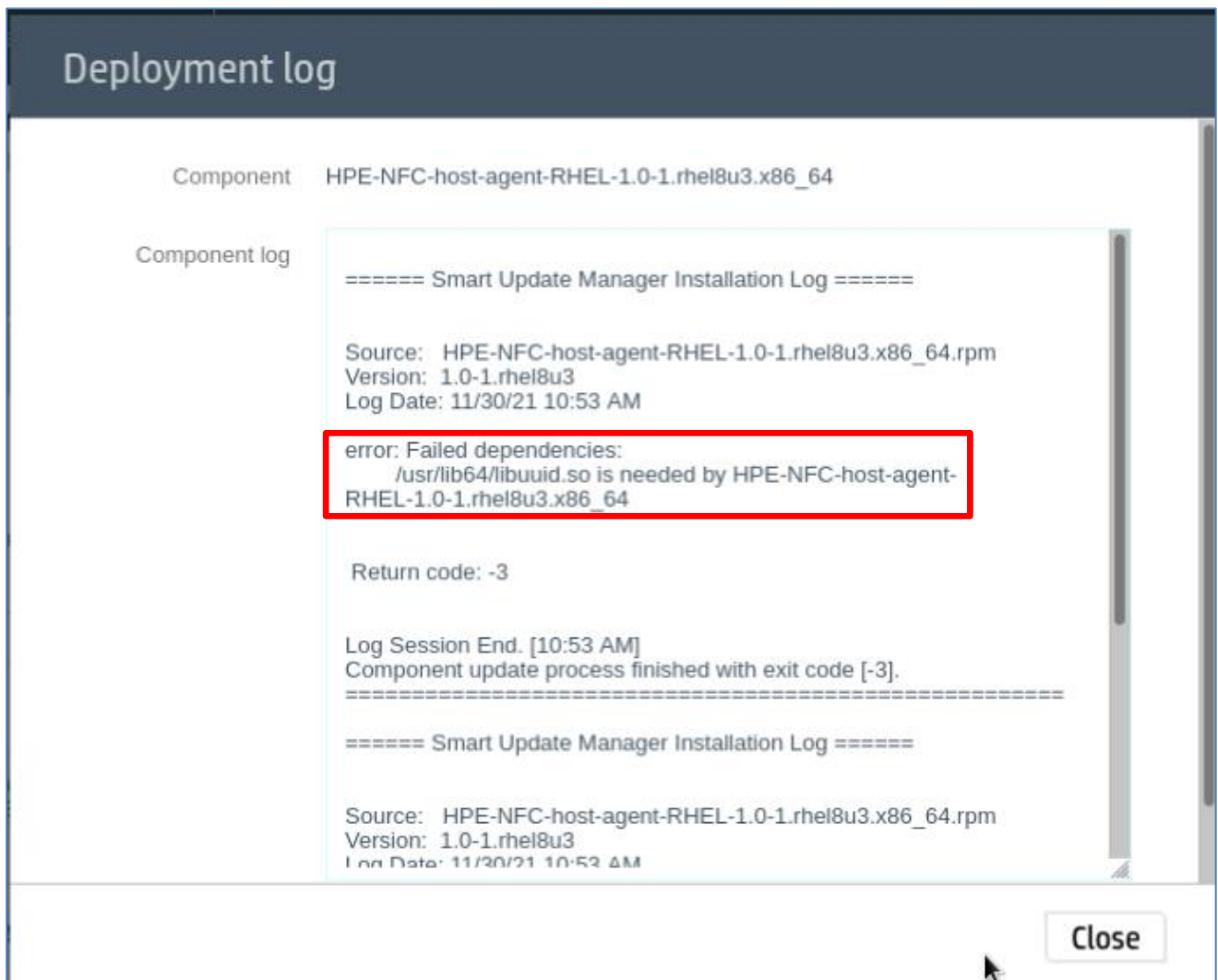


上記の例では、インストールが必要となるファイル/ライブラリとして、“libhugetlbfs.so”を示しています。

【展開(Deploy)完了後のエラー表示】  
 エラーが発生したパッケージは、赤丸(赤枠内)で表示されます。



上記赤枠内の“View log”をクリックすると次のダイアログが表示され、“error: Failed dependencies:”として、インストールが必要となるファイル/ライブラリが表示されます。(赤枠内)



上記の例では、インストールが必要となるファイル/ライブラリとして、“libuuid.so”を示しています。

#### (6) iLO レポジトリを利用したアップデートについて

コンポーネントの形式によって、iLO レポジトリを使用した iLO 経由でコンポーネントが展開(Deploy)されます。iLO レポジトリにアップロードされたコンポーネントは、インストールキューに追加され順次展開されていきます。

この時、キューに追加された途中のコンポーネントで展開エラーが発生した場合、以降のコンポーネントは展開保留状態となります。その状態のコンポーネントがキューに存在すると、以降 iLO レポジトリを利用したアップデートができません。

次に示すエラー状態を参照の上、上記状態と判断できる場合は、インストールキューに残っているコンポーネントをすべて削除し、再度 SPH を適用してください。

#### 【エラーが発生した場合のインストールキューの状態】

iLO WEB インタフェースの[ファームウェア & OS ソフトウェア]>[インストールキュー]ページを参照しま

す。

**ファームウェアアップデート**  
直近のファームウェアのアップデートまたはアップロードする試みは成功しませんでした。有効な署名付きフラッシュファイルを使用していることを確認して、もう一度試してください。コンポーネントをインストールする場合は、まずそれをiLOレポジトリにアップロードしてから、それをインストールキューに追加してください。

### ファームウェア & OSソフト... - インストールキ...

ファームウェア   ソフトウェア   メンテナンスウィンドウ   iLOレポジトリ   インストールセット

インストールキュー

iLO日付/時刻(UTC): 2021-12-01 13:09

状態	名前	開始	失効		
完了	Broadcom NetXtreme-E adapters 218.0.166.0	N/A	なし		
完了	HPE SR932i-p and SR416i-a Gen10 Plus Controllers 03.01.04.072	N/A	なし		
完了	Intel Firmware Package For E810-XXVDA2 Ethernet 10/25Gb 2-po...	N/A	なし		
例外	Mellanox Firmware Package(FWPKG) for HPE Ethernet 10/25Gb 2-...	N/A	なし		
保留	Mellanox Firmware Package(FWPKG) for HPE Ethernet 100Gb 1-po...	前のタスクの実行後	なし		

**すべて削除**

ファームウェアのアップデート

iLOレポジトリにアップロード

キューに追加

「例外」及び「保留」状態となっているパッケージが表示されている場合、「全て削除」ボタンをクリックして、キューに登録されたコンポーネントを削除してください。

#### (7) SUM 実行でのインベントリ失敗時の対応について

SUM は、アップデートに必要なデバイスならびにソフトウェア等の情報を iLO 経由で取得します。iLO の状態により、まれに情報取得できないことがあり、以下に示すようにインベントリに失敗します。

【インベントリ失敗時の表示例】

**手順 1** インベントリ   **手順 2** レジュー   **手順 3** 展開

### ベースラインおよびノードのインベントリ

▼ ベースラインのインベントリ

■ Service Pack for HA8000V   ベースラインが正常に追加されました   コンポーネント合計 332

▼ ローカルホストのインベントリ

● localhost   ノードインベントリが失敗   **現在操作を実行できません。理由: iLOからRISデータをフェッチ中**

**次へ**   **中止**   **最初からやり直す**   **再起動**

SUM を再実行しても本エラーが解消されない場合は、下記のいずれかの手順を実施してください。

- (1) iLO の再起動（リセット）を実施してください。詳細は『iLO 5 x.xx ユーザーガイド』（※）の「iLO の再起動（リセット）」を参照してください。『iLO 5 x.xx ユーザーガイド』は、「[日立アドバンスドサーバー HA8000V シリーズ ホームページ](#)」に掲載されている「製品マニュアル」よりダウンロードしてください。
- (2) オンラインアップデート(OS 稼働中のアップデート)の場合、装置の再起動を実施してください。
- (3) 装置の給電を停止(電源ケーブルの抜去や UPS の出力停止等)後、10 秒待った後に給電を再開してください。

※x.xx の部分にはバージョンが入ります。

#### (8) DVD 容量を超えた SPH 媒体の作成について

ファイルサイズが 7.9GB を超える SPH iso イメージは、DVD Dual-Layer(2 層)メディアに入りきらず、SUM オフライン展開モードで必要となるブータブルメディアを作成することができません。

この対処として、SPH に収録している USB Key Utility(Windows アプリ)を使用して、ブート可能な USB フラッシュドライブ(USB キー)を作成することができます。以下、USB キーの作成方法を示します。

#### 【USB Key Utility 使用上の注意】

- 32 ビットオペレーティングシステムではご利用になれません。
- 最大 32GB の USB フラッシュドライブが利用可能です。
- iso イメージサイズより大きいストレージ容量を備える USB フラッシュドライブが必要です。
- ターゲット USB フラッシュドライブ上のすべてのデータが削除されます。データを事前にバックアップしてください。

#### 【USB キー作成手順】

- (1) Windows PC で SPH iso イメージをマウントし、"<マウントドライブ>:\usbkey"フォルダに格納された"usbkey.exe"をダブルクリックします。
- (2) USB Key Utility のスプラッシュ画面(起動画面)が表示されたら、「次へ」をクリックします。
- (3) 「エンドユーザー使用許諾契約書」を確認したら、『同意する』をチェックし「次へ」をクリックします。
- (4) 『CD/DVD から起動可能な USB キーを作成』をチェックし、「次へ」をクリックします。
- (5) 画面表示に従って、ご利用 PC の空いている USB ポートに、USB キー作成用の USB フラッシュドライブを挿入して、「次へ」をクリックします。
- (6) 下記の通りメディアを選択し、「次へ」をクリックします。
  - 「ソース CD/DVD の選択」で、『ISO ファイルのブラウズ』をチェックし、USB フラッシュドライブへ書き込む SPH iso イメージファイルを指定します。
  - 「ターゲット USB キーのドライブ文字の選択」で、挿入した USB フラッシュドライブを選択します。(対象のドライブが見つからない場合は、「ターゲット再スキャン」をクリックしてください。再スキャンしても表示されない場合は、別の USB フラッシュドライブを挿入してください。)

- (7) 警告メッセージを確認し「次へ」をクリックします。(USB フラッシュドライブがフォーマットされ、ソースの内容が USB フラッシュドライブにコピーされます。)
- (8) 正常に作成されたメッセージが表示されたら、「完了」をクリックします。

## 5.4 SUMでのランゲージパックバージョン表示と適用について

SUM(Smart Update Manager)で表示される、適用中のランゲージパックのバージョンが正しく表示されない場合があります。正しいバージョンを確認するためには、iLO WEB インタフェースの[管理]>[言語]ページより現在適用中の言語パックのバージョンをご確認下さい。

また、この結果、SUM でランゲージパックが適用対象として正しく選択されない可能性があります。目的のバージョンのランゲージパックが適用されていないのに、SUM 実行後の「展開サマリー」画面で、ランゲージパックが適用対象として選択されない場合があります。この場合は、ランゲージパックを手動で選択し展開を実施してください。

目的のバージョンのランゲージパックが適用済みであっても、SUM 実行後の「展開サマリー」画面で、ランゲージパックが適用対象として自動的に選択されている場合があります。この場合は、ランゲージパックの適用は不要ですので、選択を解除してから展開を実施してください。

## 5.5 SUMでのiLOを使用したランゲージパック適用に関する制限事項

SUMで対象ノードとして、システム装置のiLOを追加(ノードのIPアドレスにiLOのIPアドレスを指定、ノードタイプにiLOを選択)した場合、ランゲージパックが対象に含まれず更新されません。ランゲージパックは別途下記方法にて更新ください。

- SUMをローカルホスト上で実行(※)
- SUMで対象ノードとしてシステム装置のOSのIPアドレスを指定して実行(※)
- iLO WEB インタフェースを使用して実行

※：対象ノードがVMwareの場合は使用不可

### 【iLO WEB インタフェースからの更新手順】

- (1) 以下の手順で、事前にSPH package ファイルからランゲージパックファイルを取り出してください。  
Windows上で、SPHのpackagesディレクトリ下にある、『6.2.10 Firmware - Lights-Out Management』の「Language Pack - Japanese」に掲載されている”cp\*\*\*\*\*.exe”を実行してください。  
パッケージセットアップが起動するので「解凍」を選択し、任意のディレクトリにパッケージを展開してください。展開したディレクトリから、”lang\_ja\_\*\*\*.lpk”を取り出してください。
- (2) 装置のシャットダウンを行ってください。
- (3) iLO WEB インタフェースの「ファームウェア & OS ソフトウェア」タブを開いてください。
- (4) 「ファームウェアアップデート」をクリックし、「ローカルバイナリファイル」に先ほど取り出したランゲージパックファイルを指定し、「フラッシュ」を選択してください。
- (5) 2~3分後に完了のメッセージが表示されます。その後iLOが自動的に再起動します。

## 5.6 ASR(Automatic Server Recovery)について

ASR(Automatic Server Recovery)はブルースクリーン等の致命的なOSのエラーが発生したときに自動的にシステムの復旧をするべくサーバの再起動をおこなう機能です。IP(version 3.10以降)を使ったOSのインストール

ール又は SPH(version 3.00 以降)の適用、その他の方法による ASR ドライバのインストールにより ASR が自動的に有効になります。ASR が不要な場合や Alive Monitor、IPMI WDT 等の他の OS 死活監視を使う場合は ASR を無効化してください。

#### 5.6.1 ASR 操作の PowerShell スクリプトの入手について

ASR の有効/無効の確認並びに切り替えは ASR ドライバのパッケージに同梱されている PowerShell スクリプトを使って行います。以下を参照して PowerShell スクリプトを入手してください。

##### (1) ASR ドライバのパッケージを展開します

SPH の packages ディレクトリ下にあるファイル群の中から、下表の各 OS バージョンに対応した『6.2.8 Driver - System Management』の「Package filename」欄記載のファイルを実行してください。パッケージセットアップが起動するので解凍を選択し、任意のディレクトリにパッケージを展開してください。

No.	Windows バージョン	Description
1	Windows Server 2019	iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2016 and 2019
23	Windows Server 2022	iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2022

##### (2) PowerShell スクリプトを確認してください

展開したパッケージの中の scripts ディレクトリ下に下記の 3 つの PowerShell スクリプトが含まれている事を確認してください。必要に応じて任意のディレクトリにコピーしてください。

Get-AsrSettings.ps1

Set-AsrPreTimeoutNMI.ps1

Set-AsrTimeout.ps1

#### 5.6.2 ASR の確認方法

Windows の PowerShell より Get-AsrSettings.ps1 を実行してください。TimeoutInMinutes が 0 又は、コマンドの実行がエラーとなった場合 ASR は無効になっています。

### 実行例その 1(TimeoutInMinutes が 0 の場合)

```
PS C:\Users\Administrator\Desktop> .\Get-AsrSettings.ps1
Active           : True
EnablePreTimeoutNMI : True
InstanceName     : PCI\VEN_103C&DEV_3306&SUBSYS_00E41590&REV_07\4&154b2d14&0&00E4_0
TimeoutInMinutes : 0
PSComputerName   :
```

### 実行例その 2(コマンドの実行がエラーとなる場合)

```
PS C:\Users\Administrator\Desktop> .\Get-AsrSettings.ps1
Get-CimInstance : 無効なクラスです
発生場所 C:\Users\Administrator\Desktop\Get-AsrTimeout.ps1:25 文字:1
+ Get-CimInstance -Namespace "root\wmi" -ClassName "HP_iLO_ASR_Settings ...
+ ~~~~~
+ CategoryInfo          : MetadataError: (root\wmi:HP_iLO_ASR_Settings:String) [Get-CimInstance], CimException
+ FullyQualifiedErrorId : HRESULT 0x80041010,Microsoft.Management.Infrastructure.CimCmdlets.GetCimInstanceCommand
```

## 5.6.3 ASR の無効化方法

Windows の PowerShell より以下のオプションで Set-AsrTimeout.ps1 を実行してください。

```
Set-AsrTimeout.ps1 -Disable
```

### 実行例

```
PS C:\Users\Administrator\Desktop> .\Set-AsrTimeout.ps1 -Disable
```

## 5.6.4 ASR の有効化方法

Windows の PowerShell より以下のオプションで Set-AsrTimeout.ps1 を実行してください。

```
Set-AsrTimeout.ps1 -Default
```

### 実行例

```
PS C:\Users\Administrator\Desktop> .\Set-AsrTimeout.ps1 -Default
```

## 5.7 VMware をご使用にあたっての注意事項

### 5.7.1 ファームウェアの適用について

システム装置を安定してご使用いただくためには、ご使用の VMware バージョンに合わせたファームウェアを適用頂く必要があります。

VMware 環境でのファームウェアの適用にあたっては、SUM のリモートオンライン 展開モード及びオフライン 展開モードが利用できます。(VMware バージョンと利用可能な SPH 及び展開モードについては、[「Service Pack for HA8000V 補足資料\(Readme\)」](#)の『サポートモデル/OS 一覧』を参照ください。)

### 【リモートオンライン 展開モードを使用する場合】

本モードでは、ファームウェアに加えてドライバのアップデートも可能です。

事前に「iSUT」のインストール及び ESXi ホストに対する設定が必要です。

「iSUT」が未インストールの場合、『5.7.2 iSUT のインストール』記載の手順に従ってインストールしてください。ESXi ホストに対しては、以下の設定をアップデート作業前に実施して下さい。

- (1) ファームウェア/ドライバのアップデート作業を行う間は、ESXi ホストをメンテナンスモードに設定してください。
- (2) ESXi ホストをノードとして追加する場合、対象ノードとしてシステム装置の iLO を追加(ノードの IP アドレスに iLO の IP アドレスを指定、ノードタイプに iLO を選択)してください。
- (3) ファームウェア/ドライバのアップデートを有効化するためには VMware ESXi の再起動が必要です。アップデート後自動的に再起動させる場合は、再起動オプションを使用してください。

### 【オフライン 展開モードを使用する場合】

SPH の iso イメージを格納した媒体をサーバに取り付け、媒体よりサーバをブートします。

なお、各 VMware バージョンと SPH サポート情報の詳細は、「[日立アドバンスドサーバ HA8000V シリーズ ホームページ](#)」の[製品]ー[OS、ISV 情報]にある『VMware』に掲載している注意事項をご参照の上、推奨ドライババージョンをご確認ください。

## 5.7.2 iSUT のインストール

VMware システムに対して、SPH/SUM を使用しファームウェア/ドライバのアップデートを行うには、ESXi ホストに iSUT をインストールする必要があります。iSUT インストール後は、リモート PC から SUM の『リモートオンライン』展開モードを使用して ESXi ホストのファームウェア/ドライバのアップデートを行うことができます。

ESXi ホストに iSUT をインストールする手順を次に示します。次のインストール手順では、データストア名を「datastore1」としています。使用環境にあわせて読み換えてください。

- (1) iSUT は SPH の packages ディレクトリに収録されています。下表に示す zip ファイルを展開し、iSUT のオフラインバンドル(zip ファイル)を取り出してください。

No.	VMware バージョン	SPH package ファイル名	オフラインバンドルファイル名
1	VMware ESXi™ 7.0	cp054907.zip	sutComponent:701.4.1.0.8-*.zip

- (2) 取り出した iSUT のオフラインバンドルを VMware ESXi の「datastore1」直下へに転送してください。
- (3) VMware ESXi のコンソール画面で「F2」キーを押すと Login 画面が表示されるので、root ユーザーでログインします。
- (4) 「System Customization」画面が表示されるので、「Troubleshooting Options」を選択し、「Enter」キーを押下します。
- (5) 「Enable ESXi Shell」を選択し、「Enter」キーを押下して ESXi Shell を "Enable" に変更します。



(6) 「Alt」 + 「F1」 キーを押下し、VMware ESXi の Shell 画面を開き、root ユーザーでログインします。

(7) 次のコマンドを実行しインストールします。

```
esxcli software vib install -d /vmfs/volumes/datastore1/<転送したバンドルファイル名>
```

(8) VMware ESXi を再起動してください。

(9) 再起動後、再度 VMware ESXi の Shell 画面を開き、root ユーザーでログインします。

(10) 次のコマンドを実行し、iSUT を AutoDeployReboot モードに設定します。

```
sut -set mode=autodeployreboot
```

(11) 作業終了後、OnDemand モードに変更します。iSUT を AutoDeployReboot モードに設定すると、iSUT が常駐し常時稼働し続けます。アップデート作業時以外は iSUT の稼働は不要ですので、常駐解除することを推奨します。iSUT を OnDemand モードに設定するには、次のコマンドを実行してください。

```
sut -set mode=ondemand
```

### 5.7.3 iLO セキュリティ設定を“高セキュリティ”にした装置で iSUT を使用する場合について

#### (1) iLO の認証情報設定

iLO を“高セキュリティ”設定にした状態で iSUT を使うためには、以下のいずれかの設定が必要です。

##### ① iSUT への認証情報設定

##### ② iLO のセキュリティ条件の変更(iLO FW v1.4.0 以降のみ設定可能)

##### ① iSUT への認証情報設定

iSUT に iLO の認証情報を設定します。設定方法は、VM ホスト上で以下を実行します。

```
sut -set ilouusername=<username>
```

```
Please provide the iLO password: <*****>
```

#### 【注意】

認証情報の設定は、iSUT が OnDemand モードの状態で行ってください。AutoDeployReboot モードで設定した場合、認証情報が有効にならない場合があります。

##### ② iLO のセキュリティ条件の変更

iLO で“ホスト認証が必要”を「無効」に設定します。

iLO の Web 画面で[セキュリティ]-[アクセス設定]と画面遷移し、iLO の項目にある「ホスト認証が必要」の設定を「無効」に設定してください。

#### (2) iSUT の設定確認・変更

VM ホスト上で “sut -status” を実行し、iSUT の設定が “EnableiLOQueuedUpdates=true” となっていることを確認してください。“false”の場合は、VM ホスト上で以下を実行してください。

```
sut -set enableiloqueuedupdates=true
```

#### 5.7.4 ドライバパラメータ再設定について

本 SPH を使用して VMware ドライバをアップデートした場合、ネイティブ ドライバが適用されます。ご使用の VMware 環境で VMKLinux ドライバをご使用の場合、ドライバが変更され、設定されているドライバパラメータが初期化されます。この問題を回避するために、ドライバアップデート後、ドライバパラメータを再設定してください。

#### 【対象製品及びドライバ種】

下表に記載している対象製品並びにアップデート前のドライバ種をご使用の場合が対象となります。

対象製品		ドライバ種	
形名(*1)	製品名(旧品名)	アップデート前 (VMKLinux)	アップデート後 (ネイティブ)
TQ-N□□-817745-B21	Ethernet 10Gb 2-port FLR-T X550-AT2 Adapter(Ethernet 10Gb 2 ポート 562FLR-T ネットワークアダプタ)	net-ixgbe	ixgben
TQ-N□□-817738-B21	Ethernet 10Gb 2-port BASE-T X550-AT2 Adapter(Ethernet 10Gb 2 ポート 562T ネットワークアダプタ)		
TQ-N□□-665240-B21	Ethernet 1Gb 4-port FLR-T I350-T4V2 Adapter(Ethernet 1Gb 4 ポート 366FLR ネットワークアダプタ)	igb	igbn
TQ-N□□-652497-B21	Ethernet 1Gb 2-port BASE-T I350-T2V2 Adapter(Ethernet 1Gb 2 ポート 361T ネットワークアダプタ)		
TQ-N□□-811546-B21	Ethernet 1Gb 4-port BASE-T I350-T4V2 Adapter(Ethernet 1Gb 4 ポート 366T ネットワークアダプタ)		
TQ-N□□-727054-B21	Ethernet 10Gb 2-port FLR-SFP+ X710-DA2 Adapter(Ethernet 10Gb 2 ポート 562FLR-SFP+ネットワークアダプタ)	i40e	i40en
TQ-N□□-727055-B21	Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter(Ethernet 10Gb 2 ポート 562SFP+ネットワークアダプタ)		

(\*1)：□には製品構成などにより異なった英数字が入ります。

#### 【再設定手順】

##### (1) ドライバパラメータの確認及び記録

ドライバのアップデート前に、以下コマンドを実行し、ドライバパラメータ値を控えてください。

```
esxcfg-module -g <driver name>
```

<driver name>：アップデート前ドライバ種

以下実行例の「option = 'yyyy'」の「yyyy」に設定値が表示されますので、値を控えてください。値が表示されない場合は、ドライバパラメータは未設定ですので、以降の作業は不要です。

(実行例) net-ixgbe の場合

```
# esxcfg-module -g net-ixgbe
net-ixgbe enabled = 1 options = 'yyyy'
```

また、以下の表示となる場合、net-ixgbe ドライバは未使用ですので、以降の作業は不要です。

(実行例) net-ixgbe の場合

```
# esxcfg-module -g net-ixgbe
Unknown module name net-ixgbe
```

## (2) ドライバパラメータの再設定

ドライバのアップデート前に、以下コマンドを実行し、『(1)ドライバパラメータの確認及び記録』で控えたドライバパラメータを再設定して下さい。

```
esxcfg-module -s "yyyy" <driver name>
yyyy：控えたドライバパラメータ
<driver name>：アップデート前ドライバ種
```

以下実行例の「option = 'yyyy'」に控えたドライバパラメータを指定します。

(実行例) ixgben の場合

```
# esxcfg-module -s "yyyy" ixgben
```

## (3) VMware ESXi の再起動

変更を有効にするため、VMware ESXi を再起動してください。

### 5.7.5 QLogic 製ファイバーチャネルホストバスアダプタご使用にあたっての注意事項

VMware 環境において、QLogic 製ファイバーチャネルホストバスアダプタの特定のドライバパラメータを設定している状態で SPH に収録されているドライバにアップデートすると、アダプタが認識できなくなります。

特に、SAN ブートパスに使用しているアダプタで本現象が発生した場合、OS が起動できなくなり、回復にはバックアップからのリストアが必要となります。本 SPH を用いたドライバのアップデート前に、予めパラメータ変更を行ってからドライバをアップデートしてください。

なお、デフォルトではパラメータは設定されておらず、本現象は発生しません。

パラメータ変更方法等、詳細は「日立アドバンスサーバ HA8000V シリーズ」の「製品に関する重要なお知らせ」掲載の「VMware 環境において QLogic 製ファイバーチャネルホストバスアダプタのドライバをアップデート後アダプタが認識できなくなる現象について(管理番号：CRI-2020-0005)」を参照してください。

### 5.7.6 リモートオンライン 展開モードをご使用時の注意事項

本モードをご使用の際は、iLO が Agentless Management Service(AMS)に接続している必要があります。iLO が AMS に接続していない場合、適用可能なコンポーネントにソフトウェア/ドライバパッケージが追加されません。

iLO と AMS の接続状態を確認するには、iLO WEB インタフェースの[システム情報]>[概要]ページを開き、サブシステムおよびデバイスの Agentless Management Service のステータスを確認して下さい。

【iLO が AMS に接続している場合】

↑サブシステムおよびデバイス	ステータス
Agentless Management Service	✔ OK

【iLO が AMS に接続していない場合】

↑サブシステムおよびデバイス	ステータス
Agentless Management Service	① 利用不可能

iLO が AMS に接続していない場合、以下の手順を実施し、再度 iLO と AMS の接続状態を確認して下さい。

- 装置電源 OFF(ESXi ホストシャットダウン)
- 装置電源ケーブルの抜き差し
- 装置電源 ON(ESXi ホスト起動)

## 5.8 SUM オフライン展開モードご使用時の注意事項

SUM オフライン展開モードでは Secure Boot をサポートしておりません。Secure Boot 設定は Disabled に設定の上ご使用ください。

SPH の ISO イメージを、iLO 仮想メディアデバイスにマウントして SUM のオフライン展開モードご使用の場合、iLO の『ネットワークインターフェイス設定』が『共有ネットワークポート』構成となっていると、SUM の起動途中でエラーになることがあります。

iLO の『ネットワークインターフェイス設定』を『共有ネットワークポート』構成でご使用の場合、ISO イメージを書き込んだ媒体をご用意いただき、内蔵もしくは USB 接続の DVD ドライブを使用して SUM のオフライン展開モードを起動してください。

【注意】

DL20/ML30 では、iLO の『ネットワークインターフェイス設定』のデフォルト設定が『共有ネットワークポート』となっています。SUM オフライン展開モードご使用時は、SPH ISO イメージを書き込んだ媒体から起動してください。

## 5.9 Intel 製ネットワークアダプタご使用について

Intel 製ネットワークアダプタをご使用になる場合、下記の制限事項があります。

### 5.9.1 Intel 製ネットワークアダプタのファームウェアアップデートについて

Intel 製ネットワークアダプタのファームウェアアップデートを行う場合、ファームウェアアップデート後に再起動を行っても、サブ電源で動作する機能は動作し続けているため、アップデートが完全には反映されません。

アップデート後に電源ケーブルを抜いて電源を5秒以上切断してから、電源ケーブルを差しなおし電源を入れなおしてください。電源ケーブルを抜き差しする必要があるため、リモートでは実施できません。

本制限事項の最新の状況並びに具体的な対象アダプタの情報については、アドバイザリ：「特定のネットワークアダプタについてファームウェアアップデート後に電源ケーブルの抜き差しが必要になる」(ADV-2019-0019)を参照してください。

### 5.9.2 Intel 製ネットワークアダプタのファームウェアダウングレードについて

Intel 製ネットワークアダプタをご使用になる場合、下表記載の SPH に収録されているファームウェアバージョンは、ダウングレードには対応しておりません。

形名(*1) or 搭載システム装置	製品名(旧品名)	Device
TQ-N□□-817745-B21	Ethernet 10Gb 2-port FLR-T X550-AT2 Adapter(Ethernet 10Gb 2 ポート 562FLR-T ネットワークアダプタ)	HPE Ethernet 10Gb 2-port 562FLR-T Adapte
TQ-N□□-817738-B21	Ethernet 10Gb 2-port BASE-T X550-AT2 Adapter(Ethernet 10Gb 2 ポート 562T ネットワークアダプタ)	HPE Ethernet 10Gb 2-port 562T Adapter
TQ-N□□-727054-B21	Ethernet 10Gb 2-port FLR-SFP+ X710-DA2 Adapter(Ethernet 10Gb 2 ポート 562FLR-SFP+ネットワークアダプタ)	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
TQ-N□□-727055-B21	Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter(Ethernet 10Gb 2 ポート 562SFP+ネットワークアダプタ)	HPE Ethernet 10Gb 2-port 562SFP+ Adapter
HA8000V / ML350 Gen10 オンボード NIC	Ethernet 1Gb 4-port 369i ネットワークアダプタ	HPE Ethernet 1Gb 4-port 369i Adapter
TQ-N□□-P28778-B21	INT X710 10GbE 2p SFP+ OCP3 Adptr	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2
TQ-N□□-P28787-B21	X710 10Gb 2p SFP+ Adptr	AdapterHPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter

(\*1)：□には製品構成などにより異なった英数字が入ります。

## 5.10 Gen10 Plus RAID コントローラ環境での OS セットアップの注意事項

### 5.10.1 ドライバの適用について

下表記載の Gen10 Plus RAID コントローラご利用環境で、Windows または RHEL の新規・再セットアップの

際には、SPH を適用する前に SPH に収録された「6.2.6 Driver - Storage Controller」記載の各 OS に対応した Gen10 Plus RAID コントローラドライバを適用してください。

ドライバの適用方法は、「HA8000V Gen10 Plus 重要事項および読替ガイド」の[システム装置のセットアップ]-[OS のインストール]を参照して下さい。

形名(*1)	製品名	device
TQ-R□□-P04220-B21	SR932i-p Gen10 Plus コントローラ	Microchip SR932i-p Cntrl for HPE Gen10+
TQ-R□□-P12688-B21	SR416-a Gen10 Plus コントローラ	Microchip SR416i-a Cntrl for HPE Gen10+
TQ-R□□-P26279-B21	MR416i-a Gen10 Plus コントローラ	Broadcom MR416i-a Cntrl for HPE Gen10+
TQ-R□□-P06367-B21	MR416-p Gen10 Plus コントローラ	Broadcom MR416i-p Cntrl for HPE Gen10+
TQ-R□□-P26325-B21	MR216i-a Gen10 Plus コントローラ	Broadcom MR216i-a Cntrl for HPE Gen10+
TQ-R□□-P26324-B21	MR216-p Gen10 Plus コントローラ	Broadcom MR216i-p Cntrl for HPE Gen10+

(\*1) : □には製品構成などにより異なった英数字が入ります。

## 5.11 Integrated Lights-Out 5 Firmware バージョンアップについて

本 SPH に収録している Integrated Lights-Out 5 Firmware(iLO)のオンライン適用において、ご利用環境の iLO バージョンが 1.40 未満の場合、バージョン 1.48 にアップデートした後、SPH を適用する必要があります。

iLO バージョン 1.48 へのアップデートについては、ダウンロードサイトよりご使用環境の OS に対応したユーティリティをダウンロードいただき、案内されている手順に従ってアップデートしてください。

## 6. SPH収録コンテンツ一覧

SPH の iso イメージに含まれるドライバ、ファームウェア、ユーティリティ(ソフトウェア)を示します。SPH には、適用方法により下記の2種のコンテンツを含んでいます。

- OS セットアップ後、お客様自身で個別に適用頂くもの
- Smart Update Manager(SUM)を使って適用可能なもの

以降、それぞれのコンテンツについて説明します。

### 6.1 お客様により適用が必要なコンテンツ

次表に示すファイルは、SPH に含まれる SUM ツールでの適用対象ではありません。Windows Server OS の新規・再セットアップ(プレインストールセット除く)の場合は、SPH 適用後に各ツールを実行してください。

No.	ツール	説明	iso 内格納場所	備考
1	IT Report Utility (ITRU)	サーバの構成情報、および障害の情報を採取します	¥software¥Hitachi¥ITRU	
2	2PRxDur settings	(レジストリ設定)ネットワークアダプタに関する設定を実施します	¥software¥Hitachi¥RegTool	Broadcom 製 1Gb LAN アダプタ搭載構成のみ対象
3	LargeRxRing settings	(レジストリ設定)ネットワークアダプタに関する設定を実施します	¥software¥Hitachi¥RegTool	

#### 【Broadcom 製 1Gb LAN アダプタ】(旧品名)

- オンボード LAN[Ethernet 1Gb 4-port 331i Adapter]
- オンボード LAN[Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE]
- Ethernet 1Gb 4-port FLR-T BCM5719 Adapter(HP Ethernet 1Gb 4-port 331FLR Adapter)
- Ethernet 1Gb 4-port BASE-T BCM5719 Adapter(HP Ethernet 1Gb 4-port 331T Adapter)
- Ethernet 1Gb 2-port BASE-T BCM5720 Adapter(HP Ethernet 1Gb 2-port 332T Adapter)
- BCM 5719 1Gb 4p BASE-T Adptr
- BCM 5719 1Gb 4p BASE-T OCP Adptr

## (1) ITRU のインストール

ITRU をインストールするには、Administrator 権限にて DOS プロンプトより下記のバッチファイルを実行してください。

```
<CD ドライブ>:¥software¥Hitachi¥ITRU¥setup.bat
```

なお、ITRU のインストールに関する詳細情報は次の WEB ページ

[https://www.hitachi.co.jp/cgi-bin/soft/sjst/select\\_open.cgi](https://www.hitachi.co.jp/cgi-bin/soft/sjst/select_open.cgi)

に掲載されている Windows 版 ITRU 取扱説明書の 3 章をご確認願います。

## (2) ネットワークアダプタ レジストリ設定の適用

ネットワークアダプタ レジストリ設定を適用するためには、Administrator 権限にて DOS プロンプトより下記のバッチファイルを実行してください。

```
<CD ドライブ>:¥software¥Hitachi¥RegTool¥2PRxDur.bat
```

```
<CD ドライブ>:¥software¥Hitachi¥RegTool¥LargeRxRing.bat
```

ツール実行後、OS を再起動してください。



## 6.2 SUM ツールで適用可能なファイル

次に示すドライバ/ファームウェア/ユーティリティ(ソフトウェア)は、SUM ツールにより適用可能なファイルです。(表中の“x”表記は、本ドキュメントリリース時点で未サポートであることを示します。)

SUM の GUI モードで使用する場合、OS 別の実行するコマンドを下記に示します。(管理者権限で実行してください。)

Windows 環境：

```
.\%launch_sum.bat
```

Linux 環境：

```
./launch_sum.sh
```

この時、ログイン画面が表示された場合には、SUM 起動時にご使用の(ログインしていた)OS ユーザ名/パスワードを入力してください。

なお、SUM の詳細な操作方法は、「[日立アドバンスドサーバ HA8000V シリーズ ホームページ](#)」に掲載されている『Smart Update Manager ユーザーガイド』を参照ください。

### Category 一覧

- [Application - System Management](#)
- [BIOS - System ROM](#)
- [Driver - Chipset](#)
- [Driver - Network](#)
- [Driver - Storage](#)
- [Driver - Storage Controller](#)
- [Driver - Storage Fibre Channel and Fibre Channel over Ethernet](#)
- [Driver - System Management](#)
- [Driver - Video](#)
- [Firmware - Lights-Out Management](#)
- [Firmware - Network](#)
- [Firmware - PCIe NVMe Storage Disk](#)
- [Firmware - Power Management](#)
- [Firmware - SAS Storage Disk](#)
- [Firmware - SATA Storage Disk](#)
- [Firmware - Storage Controller](#)
- [Firmware - Storage Fibre Channel](#)
- [Firmware - System](#)
- [Software - Lights-Out Management](#)
- [Software - Management](#)
- [Software - Storage Controller](#)
- [Software - Storage Fibre Channel](#)
- [Software - System Management](#)

## 6.2.1 Application - System Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
1	Integrated Smart Update Tools 4.1.0 for ESXi 7.0	cp054907.zip	-	2023.03.00	701.4.1.0.8-10EM.701.0.0.16850804	更新
2	Integrated Smart Update Tools for Linux x64	sut-4.1.0-17.linux.x86_64.rpm	-	4.1.0.0	4.1.0-17.linux	更新
3	Integrated Smart Update Tools for Windows x64	cp054785.exe	-	4.1.0.0	4.1.0.0	更新

## 6.2.2 BIOS - System ROM

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
4	Online ROM Flash Component for Linux - System ROM U30	firmware-system-oem-u30-2.76_2023_02_09-1.1.x86_64.rpm	System BIOS - U30	2.76_02-09-2023	v2.76 (02/09/2023)	更新
5	Online ROM Flash Component for Linux - System ROM U32	firmware-system-oem-u32-2.76_2023_02_09-1.1.x86_64.rpm	System BIOS - U32	2.76_02-09-2023	v2.76 (02/09/2023)	更新
6	Online ROM Flash Component for Linux - System ROM U34	firmware-system-oem-u34-2.76_2023_02_09-1.1.x86_64.rpm	System BIOS - U34	2.76_02-09-2023	v2.76 (02/09/2023)	更新
7	Online ROM Flash Component for Linux - System ROM U41	firmware-system-oem-u41-2.76_2023_02_09-1.1.x86_64.rpm	System BIOS - U41	2.76_02-09-2023	v2.76 (02/09/2023)	更新
8	Online ROM Flash Component for Linux - System ROM U43	firmware-system-oem-u43-2.68_2023_01_12-1.1.x86_64.rpm	System BIOS - U43	2.68_01-12-2023	v2.68 (01/12/2023)	更新
9	Online ROM Flash Component for Linux - System ROM U44	firmware-system-oem-u44-2.68_2023_01_12-1.1.x86_64.rpm	System BIOS - U44	2.68_01-12-2023	v2.68 (01/12/2023)	更新
10	Online ROM Flash Component for Linux - System ROM U46	firmware-system-oem-u46-1.72_2023_02_02-1.1.x86_64.rpm	System BIOS - U46	1.72_02-02-2023	v1.72 (02/02/2023)	更新
11	Online ROM Flash Component for Linux - System ROM U60	firmware-system-oem-u60-1.68_2023_01_12-1.1.x86_64.rpm	System BIOS - U60	1.68_01-12-2023	v1.68 (01/12/2023)	更新
12	Online ROM Flash Component for Linux - System ROM U61	firmware-system-oem-u61-1.68_2023_01_12-1.1.x86_64.rpm	System BIOS - U61	1.68_01-12-2023	v1.68 (01/12/2023)	更新
13	Online ROM Flash Component for Windows x64 - System ROM U30	cp055279.exe	System BIOS - U30	2.76_02-09-2023	v2.76 (02/09/2023)	更新
14	Online ROM Flash Component for Windows x64 - System ROM U32	cp055224.exe	System BIOS - U32	2.76_02-09-2023	v2.76 (02/09/2023)	更新
15	Online ROM Flash Component for Windows x64 - System ROM U34	cp055231.exe	System BIOS - U34	2.76_02-09-2023	v2.76 (02/09/2023)	更新
16	Online ROM Flash Component for Windows x64 - System ROM U41	cp055567.exe	System BIOS - U41	2.76_02-09-2023	v2.76 (02/09/2023)	更新
17	Online ROM Flash Component for Windows x64 - System ROM U43	cp055552.exe	System BIOS - U43	2.68_01-12-2023	v2.68 (01/12/2023)	更新
18	Online ROM Flash Component for Windows x64 - System ROM U44	cp055549.exe	System BIOS - U44	2.68_01-12-2023	v2.68 (01/12/2023)	更新
19	Online ROM Flash Component for Windows x64 - System ROM U46	cp055295.exe	System BIOS - U46	1.72_02-02-2023	v1.72 (02/02/2023)	更新
20	Online ROM Flash Component for Windows x64	cp055440.exe	System BIOS - U60	1.68_01-12-2023	v1.68 (01/12/2023)	更新

	- System ROM U60					
21	Online ROM Flash Component for Windows x64 - System ROM U61	cp055443.exe	System BIOS - U61	1.68_01-12-2023	v1.68 (01/12/2023)	更新
22	ROM Flash Firmware Package - System ROM U30	OEM.U30_2.76_02_09_2023.fwpkg	System BIOS - U30	2.76_02-09-2023	v2.76 (02/09/2023)	更新
23	ROM Flash Firmware Package - System ROM U32	OEM.U32_2.76_02_09_2023.fwpkg	System BIOS - U32	2.76_02-09-2023	v2.76 (02/09/2023)	更新
24	ROM Flash Firmware Package - System ROM U34	OEM.U34_2.76_02_09_2023.fwpkg	System BIOS - U34	2.76_02-09-2023	v2.76 (02/09/2023)	更新
25	ROM Flash Firmware Package - System ROM U41	OEM.U41_2.76_02_09_2023.fwpkg	System BIOS - U41	2.76_02-09-2023	v2.76 (02/09/2023)	更新
26	ROM Flash Firmware Package - System ROM U43	OEM.U43_2.68_01_12_2023.fwpkg	System BIOS - U43	2.68_01-12-2023	v2.68 (01/12/2023)	更新
27	ROM Flash Firmware Package - System ROM U44	OEM.U44_2.68_01_12_2023.fwpkg	System BIOS - U44	2.68_01-12-2023	v2.68 (01/12/2023)	更新
28	ROM Flash Firmware Package - System ROM U46	OEM.U46_1.72_02_02_2023.fwpkg	System BIOS - U46	1.72_02-02-2023	v1.72 (02/02/2023)	更新
29	ROM Flash Firmware Package - System ROM U60	OEM.U60_1.68_01_12_2023.fwpkg	System BIOS - U60	1.68_01-12-2023	v1.68 (01/12/2023)	更新
30	ROM Flash Firmware Package - System ROM U61	OEM.U61_1.68_01_12_2023.fwpkg	System BIOS - U61	1.68_01-12-2023	v1.68 (01/12/2023)	更新

### 6.2.3 Driver – Chipset

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
31	Identifiers for Intel Xeon E-22xx Processor for Microsoft Windows	cp053106.exe	-	10.1.18807.8279 (B)	10.1.18807.8279 (B)	
32	Identifiers for Intel Xeon E-23xx Processor for Microsoft Windows	cp052730.exe	-	10.1.18807.8279 (B)	10.1.18807.8279 (B)	
33	Identifiers for Intel Xeon Scalable Processors (First and Second Generation) for Microsoft Windows	cp055798.exe	-	10.1.19006.8299	10.1.19006.8299	更新
34	Identifiers for Intel Xeon Scalable Processors (Third Generation) for Microsoft Windows	cp055799.exe	-	10.1.19006.8299	10.1.19006.8299	更新

### 6.2.4 Driver – Network

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
35	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2019	cp054747.exe	BCM 57414 10/25GbE 2p SFP28 Adptr	224.0.159.0	224.0.159.0	更新
36	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2019	cp054747.exe	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	224.0.159.0	224.0.159.0	更新
37	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2019	cp054747.exe	BCM 57416 10GbE 2p BASE-T Adptr	224.0.159.0	224.0.159.0	更新
38	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2019	cp054747.exe	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	224.0.159.0	224.0.159.0	更新
39	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2019	cp054747.exe	BCM 57412 10GbE 2p SFP+ Adptr	224.0.159.0	224.0.159.0	更新
40	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2019	cp054747.exe	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	224.0.159.0	224.0.159.0	更新
41	Broadcom NetXtreme-E	cp054747.exe	Broadcom	224.0.159.0	224.0.159.0	更新

	Driver for Microsoft Windows Server 2019		NetXtreme-E BCM5750x adapters			
42	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp054748.exe	BCM 57414 10/25GbE 2p SFP28 Adptr	224.0.159.0	224.0.159.0	更新
43	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp054748.exe	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	224.0.159.0	224.0.159.0	更新
44	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp054748.exe	BCM 57416 10GbE 2p BASE-T Adptr	224.0.159.0	224.0.159.0	更新
45	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp054748.exe	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	224.0.159.0	224.0.159.0	更新
46	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp054748.exe	BCM 57412 10GbE 2p SFP+ Adptr	224.0.159.0	224.0.159.0	更新
47	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp054748.exe	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	224.0.159.0	224.0.159.0	更新
48	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp054748.exe	Broadcom NetXtreme-E BCM5750x adapters	224.0.159.0	224.0.159.0	更新
49	Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp054663.exe	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE	221.0.5.0	221.0.5.0	更新
50	Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp054663.exe	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE	221.0.5.0	221.0.5.0	更新
51	Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp054663.exe	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	221.0.5.0	221.0.5.0	更新
52	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp054744.exe	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	224.0.159.0	224.0.159.0	更新
53	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp054744.exe	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	224.0.159.0	224.0.159.0	更新
54	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp054744.exe	HPE Ethernet 10Gb 2-port 535T Adapter	224.0.159.0	224.0.159.0	更新
55	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp054744.exe	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	224.0.159.0	224.0.159.0	更新
56	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp054744.exe	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	224.0.159.0	224.0.159.0	更新
57	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp054744.exe	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	224.0.159.0	224.0.159.0	更新
58	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp054745.exe	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	224.0.159.0	224.0.159.0	更新
59	HPE Broadcom NetXtreme-E	cp054745.exe	HPE Ethernet	224.0.159.0	224.0.159.0	更新

	Driver for Windows Server 2022		10/25Gb 2-port 631SFP28 Adapter			
60	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp054745.exe	HPE Ethernet 10Gb 2-port 535T Adapter	224.0.159.0	224.0.159.0	更新
61	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp054745.exe	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	224.0.159.0	224.0.159.0	更新
62	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp054745.exe	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	224.0.159.0	224.0.159.0	更新
63	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp054745.exe	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	224.0.159.0	224.0.159.0	更新
64	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-224.0.157.0.rhel8u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	1.10.2-224	1.10.2-224.0.157.0.rhel8u6	更新
65	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-224.0.157.0.rhel8u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	1.10.2-224	1.10.2-224.0.157.0.rhel8u6	更新
66	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-224.0.157.0.rhel8u6.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 Adptr	1.10.2-224	1.10.2-224.0.157.0.rhel8u6	更新
67	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-224.0.157.0.rhel8u6.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	1.10.2-224	1.10.2-224.0.157.0.rhel8u6	更新
68	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-224.0.157.0.rhel8u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	1.10.2-224	1.10.2-224.0.157.0.rhel8u6	更新
69	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-224.0.157.0.rhel8u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 535T Adapter	1.10.2-224	1.10.2-224.0.157.0.rhel8u6	更新
70	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-224.0.157.0.rhel8u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	1.10.2-224	1.10.2-224.0.157.0.rhel8u6	更新
71	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-224.0.157.0.rhel8u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	1.10.2-224	1.10.2-224.0.157.0.rhel8u6	更新
72	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-224.0.157.0.rhel8u6.x86_64.rpm	BCM 57416 10GbE 2p BASE-T Adptr	1.10.2-224	1.10.2-224.0.157.0.rhel8u6	更新
73	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-224.0.157.0.rhel8u6.x86_64.rpm	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	1.10.2-224	1.10.2-224.0.157.0.rhel8u6	更新
74	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-224.0.157.0.rhel8u6.x86_64.rpm	BCM 57412 10GbE 2p SFP+ Adptr	1.10.2-224	1.10.2-224.0.157.0.rhel8u6	更新
75	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-224.0.157.0.rhel8u6.x86_64.rpm	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	1.10.2-224	1.10.2-224.0.157.0.rhel8u6	更新
76	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-224.0.157.0.rhel8u6.x86_64.rpm	Broadcom NetXtreme-E BCM5750x adapters	1.10.2-224	1.10.2-224.0.157.0.rhel8u6	更新
77	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp054746.zip	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	2023.03.00	224.0.149.0-10EM.700.1.0.15843807	更新
78	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp054746.zip	HPE Ethernet 10/25Gb 2-port 631SFP28	2023.03.00	224.0.149.0-10EM.700.1.0.15843807	更新

			Adapter			
79	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp054746.zip	BCM 57414 10/25GbE 2p SFP28 Adptr	2023.03.00	224.0.149.0-10EM.700.1.0.15843807	更新
80	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp054746.zip	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	2023.03.00	224.0.149.0-10EM.700.1.0.15843807	更新
81	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp054746.zip	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	2023.03.00	224.0.149.0-10EM.700.1.0.15843807	更新
82	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp054746.zip	HPE Ethernet 10Gb 2-port 535T Adapter	2023.03.00	224.0.149.0-10EM.700.1.0.15843807	更新
83	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp054746.zip	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	2023.03.00	224.0.149.0-10EM.700.1.0.15843807	更新
84	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp054746.zip	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	2023.03.00	224.0.149.0-10EM.700.1.0.15843807	更新
85	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp054746.zip	BCM 57416 10GbE 2p BASE-T Adptr	2023.03.00	224.0.149.0-10EM.700.1.0.15843807	更新
86	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp054746.zip	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	2023.03.00	224.0.149.0-10EM.700.1.0.15843807	更新
87	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp054746.zip	BCM 57412 10GbE 2p SFP+ Adptr	2023.03.00	224.0.149.0-10EM.700.1.0.15843807	更新
88	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp054746.zip	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	2023.03.00	224.0.149.0-10EM.700.1.0.15843807	更新
89	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp054746.zip	Broadcom NetXtreme-E BCM5750x adapters	2023.03.00	224.0.149.0-10EM.700.1.0.15843807	更新
90	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 6.	libbnxt_re-224.0.157.0-rhel8u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	224.0.157.0	224.0.157.0	更新
91	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 6.	libbnxt_re-224.0.157.0-rhel8u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	224.0.157.0	224.0.157.0	更新
92	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 6.	libbnxt_re-224.0.157.0-rhel8u6.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 Adptr	224.0.157.0	224.0.157.0	更新
93	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 6.	libbnxt_re-224.0.157.0-rhel8u6.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	224.0.157.0	224.0.157.0	更新
94	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 6.	libbnxt_re-224.0.157.0-rhel8u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	224.0.157.0	224.0.157.0	更新
95	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 6.	libbnxt_re-224.0.157.0-rhel8u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 535T Adapter	224.0.157.0	224.0.157.0	更新
96	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 6.	libbnxt_re-224.0.157.0-rhel8u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	224.0.157.0	224.0.157.0	更新
97	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 6.	libbnxt_re-224.0.157.0-rhel8u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	224.0.157.0	224.0.157.0	更新
98	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 6.	libbnxt_re-224.0.157.0-rhel8u6.x86_64.rpm	BCM 57416 10GbE 2p BASE-T Adptr	224.0.157.0	224.0.157.0	更新

99	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 6.	libbnxt_re-224.0.157.0-rhel8u6.x86_64.rpm	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	224.0.157.0	224.0.157.0	更新
100	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 6.	libbnxt_re-224.0.157.0-rhel8u6.x86_64.rpm	BCM 57412 10GbE 2p SFP+ Adptr	224.0.157.0	224.0.157.0	更新
101	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 6.	libbnxt_re-224.0.157.0-rhel8u6.x86_64.rpm	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	224.0.157.0	224.0.157.0	更新
102	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 6.	libbnxt_re-224.0.157.0-rhel8u6.x86_64.rpm	Broadcom NetXtreme-E BCM5750x adapters	224.0.157.0	224.0.157.0	更新
103	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp054662.exe	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	221.0.5.0	221.0.5.0	更新
104	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp054662.exe	HP Ethernet 1Gb 2-port 332T Adapter	221.0.5.0	221.0.5.0	更新
105	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp054662.exe	HP Ethernet 1Gb 4-port 331FLR Adapter	221.0.5.0	221.0.5.0	更新
106	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp054662.exe	HP Ethernet 1Gb 4-port 331T Adapter	221.0.5.0	221.0.5.0	更新
107	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp054662.exe	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	221.0.5.0	221.0.5.0	更新
108	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139j-1.rhel8u6.x86_64.rpm	Broadcom BCM5719 Ethernet 1Gb 4- port Base-T Adapter for HPE	3.139j-1	3.139j-1.rhel8u6	更新
109	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139j-1.rhel8u6.x86_64.rpm	Broadcom BCM5719 Ethernet 1Gb 4- port Base-T OCP3 Adapter for HPE	3.139j-1	3.139j-1.rhel8u6	更新
110	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139j-1.rhel8u6.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	3.139j-1	3.139j-1.rhel8u6	更新
111	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139j-1.rhel8u6.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	3.139j-1	3.139j-1.rhel8u6	更新
112	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139j-1.rhel8u6.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	3.139j-1	3.139j-1.rhel8u6	更新
113	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139j-1.rhel8u6.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	3.139j-1	3.139j-1.rhel8u6	更新
114	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139j-1.rhel8u6.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	3.139j-1	3.139j-1.rhel8u6	更新
115	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139j-1.rhel8u6.x86_64.rpm	Broadcom BCM5720 Ethernet 1Gb 2- port BASE-T LOM Adapter for HPE	3.139j-1	3.139j-1.rhel8u6	更新
116	HPE Intel E1R Driver for Windows Server 2019	cp055494.exe	HPE Ethernet 1Gb 2-port 361i Adapter	12.18.13.0 (B)	12.18.13.0 (B)	更新
117	HPE Intel E1R Driver for Windows Server 2019	cp055494.exe	HPE Ethernet 1Gb 2-port 361T Adapter	12.18.13.0 (B)	12.18.13.0 (B)	更新
118	HPE Intel E1R Driver for Windows Server 2019	cp055494.exe	HPE Ethernet 1Gb 4-port 366FLR	12.18.13.0 (B)	12.18.13.0 (B)	更新

			Adapter			
119	HPE Intel E1R Driver for Windows Server 2019	cp055494.exe	HPE Ethernet 1Gb 4-port 366T Adapter	12.18.13.0 (B)	12.18.13.0 (B)	更新
120	HPE Intel E1R Driver for Windows Server 2022	cp055979.exe	HPE Ethernet 1Gb 2-port 361i Adapter	13.0.13.0 (B)	13.0.13.0 (B)	更新
121	HPE Intel E1R Driver for Windows Server 2022	cp055979.exe	HPE Ethernet 1Gb 2-port 361T Adapter	13.0.13.0 (B)	13.0.13.0 (B)	更新
122	HPE Intel E1R Driver for Windows Server 2022	cp055979.exe	HPE Ethernet 1Gb 4-port 366FLR Adapter	13.0.13.0 (B)	13.0.13.0 (B)	更新
123	HPE Intel E1R Driver for Windows Server 2022	cp055979.exe	HPE Ethernet 1Gb 4-port 366T Adapter	13.0.13.0 (B)	13.0.13.0 (B)	更新
124	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.21.12-1.rhel8u6.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	2.21.12-1	2.21.12-1.rhel8u6	更新
125	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.21.12-1.rhel8u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.21.12-1	2.21.12-1.rhel8u6	更新
126	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.21.12-1.rhel8u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.21.12-1	2.21.12-1.rhel8u6	更新
127	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.21.12-1.rhel8u6.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	2.21.12-1	2.21.12-1.rhel8u6	更新
128	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.21.12-1.rhel8u6.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	2.21.12-1	2.21.12-1.rhel8u6	更新
129	HPE Intel i40ea Driver for Windows Server 2019	cp054589.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.16.202.5	1.16.202.5	更新
130	HPE Intel i40ea Driver for Windows Server 2019	cp054589.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.16.202.5	1.16.202.5	更新
131	HPE Intel i40ea Driver for Windows Server 2022	cp054590.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.16.206.3	1.16.206.3	更新
132	HPE Intel i40ea Driver for Windows Server 2022	cp054590.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.16.206.3	1.16.206.3	更新
133	HPE Intel i40eb Driver for Windows Server 2019	cp054591.exe	HPE Ethernet 1Gb 4-port 369i Adapter	1.16.202.6	1.16.202.6	更新
134	HPE Intel i40eb Driver for Windows Server 2022	cp054592.exe	HPE Ethernet 1Gb 4-port 369i Adapter	1.16.206.4	1.16.206.4	更新
135	HPE Intel i40en Driver for VMware vSphere 7.0	cp054593.zip	HPE Ethernet 1Gb 4-port 369i Adapter	2023.03.00	2.4.1.0-10EM.700.1.0.15843807	更新
136	HPE Intel i40en Driver for VMware vSphere 7.0	cp054593.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2023.03.00	2.4.1.0-10EM.700.1.0.15843807	更新
137	HPE Intel i40en Driver for VMware vSphere 7.0	cp054593.zip	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2023.03.00	2.4.1.0-10EM.700.1.0.15843807	更新
138	HPE Intel i40en Driver for VMware vSphere 7.0	cp054593.zip	HPE Ethernet 10Gb 2-port SFP+	2023.03.00	2.4.1.0-10EM.700.1.0	更新



			OCP3 X710-DA2 Adapter		.15843807	
139	HPE Intel i40en Driver for VMware vSphere 7.0	cp054593.zip	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	2023.03.00	2.4.1.0-10EM.700.1.0.15843807	更新
140	HPE Intel iavf Driver for Windows Server 2019	cp051868.exe	-	1.13.8.0	1.13.8.0	
141	HPE Intel iavf Driver for Windows Server 2022	cp055980.exe	-	1.13.8.0 (C)	1.13.8.0 (C)	更新
142	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.6.1-1.rhel8u6.x86_64.rpm	Intel E810-CQDA2 OCP3 adapter	4.6.1-1	4.6.1-1.rhel8u6	更新
143	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.6.1-1.rhel8u6.x86_64.rpm	Intel E810-XXVDA2 adapter	4.6.1-1	4.6.1-1.rhel8u6	更新
144	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.6.1-1.rhel8u6.x86_64.rpm	Intel E810-XXVDA2 OCP3 adapter	4.6.1-1	4.6.1-1.rhel8u6	更新
145	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.6.1-1.rhel8u6.x86_64.rpm	Intel E810-XXVDA4 adapter	4.6.1-1	4.6.1-1.rhel8u6	更新
146	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.12.3-1.rhel8u6.x86_64.rpm	HPE Ethernet 1Gb 2-port 361i Adapter	6.12.3-1	6.12.3-1.rhel8u6	更新
147	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.12.3-1.rhel8u6.x86_64.rpm	HPE Ethernet 1Gb 2-port 361T Adapter	6.12.3-1	6.12.3-1.rhel8u6	更新
148	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.12.3-1.rhel8u6.x86_64.rpm	HPE Ethernet 1Gb 4-port 366FLR Adapter	6.12.3-1	6.12.3-1.rhel8u6	更新
149	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.12.3-1.rhel8u6.x86_64.rpm	HPE Ethernet 1Gb 4-port 366T Adapter	6.12.3-1	6.12.3-1.rhel8u6	更新
150	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.12.3-1.rhel8u6.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	6.12.3-1	6.12.3-1.rhel8u6	更新
151	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.12.3-1.rhel8u6.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	6.12.3-1	6.12.3-1.rhel8u6	更新
152	HPE Intel igbn Driver for VMware vSphere 7.0	cp055476.zip	HPE Ethernet 1Gb 2-port 361i Adapter	2023.03.00	1.10.2.0-10EM.700.1.0.15843807	更新
153	HPE Intel igbn Driver for VMware vSphere 7.0	cp055476.zip	HPE Ethernet 1Gb 2-port 361T Adapter	2023.03.00	1.10.2.0-10EM.700.1.0.15843807	更新
154	HPE Intel igbn Driver for VMware vSphere 7.0	cp055476.zip	HPE Ethernet 1Gb 4-port 366FLR Adapter	2023.03.00	1.10.2.0-10EM.700.1.0.15843807	更新
155	HPE Intel igbn Driver for VMware vSphere 7.0	cp055476.zip	HPE Ethernet 1Gb 4-port 366T Adapter	2023.03.00	1.10.2.0-10EM.700.1.0.15843807	更新
156	HPE Intel igbn Driver for VMware vSphere 7.0	cp055476.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	2023.03.00	1.10.2.0-10EM.700.1.0.15843807	更新
157	HPE Intel igbn Driver for VMware vSphere 7.0	cp055476.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	2023.03.00	1.10.2.0-10EM.700.1.0.15843807	更新
158	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbe-5.17.1-1.rhel8u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.17.1-1	5.17.1-1.rhel8u6	更新
159	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbe-5.17.1-1.rhel8u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	5.17.1-1	5.17.1-1.rhel8u6	更新
160	HPE Intel ixgben Driver for	cp054594.zip	HPE Ethernet	2023.03.00	1.14.2.0-	更新

	VMware vSphere 7.0		10Gb 2-port 562FLR-T Adapter		1OEM.700.1.0 .15843807	
161	HPE Intel ixgben Driver for VMware vSphere 7.0	cp054594.zip	HPE Ethernet 10Gb 2-port 562T Adapter	2023.03.00	1.14.2.0- 1OEM.700.1.0 .15843807	更新
162	HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbev- 4.16.5- 1.rhel8u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.16.5-1	4.16.5- 1.rhel8u6	更新
163	HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbev- 4.16.5- 1.rhel8u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	4.16.5-1	4.16.5- 1.rhel8u6	更新
164	HPE Intel ixS Driver for Windows Server 2019	cp054587.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.1.246.2	4.1.246.2	更新
165	HPE Intel ixS Driver for Windows Server 2019	cp054587.exe	HPE Ethernet 10Gb 2-port 562T Adapter	4.1.246.2	4.1.246.2	更新
166	HPE Intel ixS Driver for Windows Server 2022	cp055983.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.1.248.0 (B)	4.1.248.0 (B)	更新
167	HPE Intel ixS Driver for Windows Server 2022	cp055983.exe	HPE Ethernet 10Gb 2-port 562T Adapter	4.1.248.0 (B)	4.1.248.0 (B)	更新
168	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2019	cp054853.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	3.10.25798. 0	3.10.25798.0	更新
169	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2019	cp054853.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	3.10.25798. 0	3.10.25798.0	更新
170	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2019	cp054853.exe	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	3.10.25798. 0	3.10.25798.0	更新
171	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2022	cp054854.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	3.10.25798. 0	3.10.25798.0	更新
172	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2022	cp054854.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	3.10.25798. 0	3.10.25798.0	更新
173	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2022	cp054854.exe	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	3.10.25798. 0	3.10.25798.0	更新
174	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 6 (x86_64)	kmod-kernel-mft-mlnx- 4.22.1- 1.rhel8u6.x86_64.rpm	MLX MCX631102 10/25GbE 2p SFP28 Adptr	4.22	4.22.1- 1.rhel8u6	更新
175	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 6 (x86_64)	kmod-kernel-mft-mlnx- 4.22.1- 1.rhel8u6.x86_64.rpm	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	4.22	4.22.1- 1.rhel8u6	更新
176	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8	kmod-kernel-mft-mlnx- 4.22.1- 1.rhel8u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F- ACAT Adapter	4.22	4.22.1- 1.rhel8u6	更新

	Update 6 (x86_64)					
177	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 6 (x86_64)	kmod-kernel-mft-mlnx-4.22.1-1.rhel8u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	4.22	4.22.1-1.rhel8u6	更新
178	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 6 (x86_64)	kmod-kernel-mft-mlnx-4.22.1-1.rhel8u6.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	4.22	4.22.1-1.rhel8u6	更新
179	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 6 (x86_64)	kmod-kernel-mft-mlnx-4.22.1-1.rhel8u6.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	4.22	4.22.1-1.rhel8u6	更新
180	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 6 (x86_64)	kmod-kernel-mft-mlnx-4.22.1-1.rhel8u6.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	4.22	4.22.1-1.rhel8u6	更新
181	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 6 (x86_64)	kmod-kernel-mft-mlnx-4.22.1-1.rhel8u6.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	4.22	4.22.1-1.rhel8u6	更新
182	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 6 (x86_64)	mft-4.22.1-11.rhel8u6.x86_64.rpm	MLX MCX631102 10/25GbE 2p SFP28 Adptr	4.22	4.22.1-11.rhel8u6	更新
183	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 6 (x86_64)	mft-4.22.1-11.rhel8u6.x86_64.rpm	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	4.22	4.22.1-11.rhel8u6	更新
184	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 6 (x86_64)	mft-4.22.1-11.rhel8u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	4.22	4.22.1-11.rhel8u6	更新
185	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 6 (x86_64)	mft-4.22.1-11.rhel8u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	4.22	4.22.1-11.rhel8u6	更新
186	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 6 (x86_64)	mft-4.22.1-11.rhel8u6.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	4.22	4.22.1-11.rhel8u6	更新
187	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 6 (x86_64)	mft-4.22.1-11.rhel8u6.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	4.22	4.22.1-11.rhel8u6	更新

	Update 6 (x86_64)					
188	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 6 (x86_64)	mft-4.22.1-11.rhel8u6.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	4.22	4.22.1-11.rhel8u6	更新
189	HPE Mellanox MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode for Red Hat Enterprise Linux 8 Update 6 (x86_64)	mft-4.22.1-11.rhel8u6.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	4.22	4.22.1-11.rhel8u6	更新
190	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u6.x86_64.rpm	MLX MCX631102 10/25GbE 2p SFP28 Adptr	5.8	5.8	更新
191	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u6.x86_64.rpm	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	5.8	5.8	更新
192	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	5.8	5.8	更新
193	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	5.8	5.8	更新
194	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u6.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	5.8	5.8	更新
195	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u6.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	5.8	5.8	更新
196	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u6.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	5.8	5.8	更新
197	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u6.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	5.8	5.8	更新
198	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u6.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	5.8	5.8	更新

	(x86_64)					
199	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u 6.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	5.8	5.8	更新
200	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	kmod-mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u 6.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	5.8	5.8	更新
201	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u 6.x86_64.rpm	MLX MCX631102 10/25GbE 2p SFP28 Adptr	5.8	5.8	更新
202	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u 6.x86_64.rpm	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	5.8	5.8	更新
203	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u 6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	5.8	5.8	更新
204	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u 6.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	5.8	5.8	更新
205	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u 6.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	5.8	5.8	更新
206	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u 6.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	5.8	5.8	更新
207	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u 6.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	5.8	5.8	更新
208	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u 6.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	5.8	5.8	更新
209	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u 6.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	5.8	5.8	更新

	(x86_64)					
210	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u6.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	5.8	5.8	更新
211	HPE Mellanox RoCE (RDMA over Converged Ethernet) ConnectX-4, ConnectX-5 and ConnectX-6 Driver for Red Hat Enterprise Linux 8 Update 6 (x86_64)	mlnx-ofa_kernel-5.8-OFED.5.8.1.1.2.1.rhel8u6.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	5.8	5.8	更新
212	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 8	kmod-qlgc-fastlinq-8.72.1.0-1.rhel8u6.x86_64.rpm	HPE 10GbE 2p BASE-T QL41401 Adptr(HPE Eth 10Gb 2p 521T Adptr)	8.72.1.0-1	8.72.1.0-1.rhel8u6	更新
213	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Windows Server x64 Editions	cp050997.exe	HPE 10GbE 2p BASE-T QL41401 Adptr(HPE Eth 10Gb 2p 521T Adptr)	8.70.9.0	8.70.9.0	
214	HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 7.0	cp055118.zip	HPE 10GbE 2p BASE-T QL41401 Adptr(HPE Eth 10Gb 2p 521T Adptr)	2023.03.00	3.70.7.0-1OEM.700.1.0.15843807	更新
215	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 7.0	cp050968.zip	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	2022.09.01	1.4.35.0-1OEM.700.1.0.15843807	
216	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 7.0	cp050968.zip	HPE Ethernet 10Gb 2-port 530T Adapter	2022.09.01	1.4.35.0-1OEM.700.1.0.15843807	
217	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 7.0	cp050968.zip	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	2022.09.01	1.4.35.0-1OEM.700.1.0.15843807	
218	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8	kmod-netxtreme2-7.15.14-1.rhel8u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	7.15.14-1	7.15.14-1.rhel8u6	更新
219	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8	kmod-netxtreme2-7.15.14-1.rhel8u6.x86_64.rpm	HPE Ethernet 10Gb 2-port 530T Adapter	7.15.14-1	7.15.14-1.rhel8u6	更新
220	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8	kmod-netxtreme2-7.15.14-1.rhel8u6.x86_64.rpm	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.15.14-1	7.15.14-1.rhel8u6	更新
221	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp052356.exe	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	7.13.206.0 (B)	7.13.206.0 (B)	
222	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp052356.exe	HPE Ethernet 10Gb 2-port 530T Adapter	7.13.206.0 (B)	7.13.206.0 (B)	
223	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp052356.exe	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.13.206.0 (B)	7.13.206.0 (B)	
224	Intel i350 Driver for Windows Server 2019	cp055495.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	12.18.13.0 (C)	12.18.13.0 (C)	更新
225	Intel i350 Driver for Windows Server 2019	cp055495.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	12.18.13.0 (C)	12.18.13.0 (C)	更新
226	Intel i350 Driver for Windows Server 2022	cp055981.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T	13.0.13.0 (C)	13.0.13.0 (C)	更新

			Adapter for HPE			
227	Intel i350 Driver for Windows Server 2022	cp055981.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	13.0.13.0 (C)	13.0.13.0 (C)	更新
228	Intel i40ea Driver for Windows Server 2019	cp055487.exe	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	1.16.202.5	1.16.202.5	更新
229	Intel i40ea Driver for Windows Server 2019	cp055487.exe	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	1.16.202.5	1.16.202.5	更新
230	Intel i40ea Driver for Windows Server 2022	cp055488.exe	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	1.16.206.3	1.16.206.3	更新
231	Intel i40ea Driver for Windows Server 2022	cp055488.exe	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	1.16.206.3	1.16.206.3	更新
232	Intel iavf Driver for Windows Server 2019	cp051867.exe	-	1.13.8.0	1.13.8.0	
233	Intel ice Drivers for Red Hat Enterprise Linux 8	kmod-ice-1.10.1.2-1.rhel8u6.x86_64.rpm	Intel E810-CQDA2 OCP3 adapter	1.10.1.2-1	1.10.1.2-1.rhel8u6	更新
234	Intel ice Drivers for Red Hat Enterprise Linux 8	kmod-ice-1.10.1.2-1.rhel8u6.x86_64.rpm	Intel E810-XXVDA2 adapter	1.10.1.2-1	1.10.1.2-1.rhel8u6	更新
235	Intel ice Drivers for Red Hat Enterprise Linux 8	kmod-ice-1.10.1.2-1.rhel8u6.x86_64.rpm	Intel E810-XXVDA2 OCP3 adapter	1.10.1.2-1	1.10.1.2-1.rhel8u6	更新
236	Intel ice Drivers for Red Hat Enterprise Linux 8	kmod-ice-1.10.1.2-1.rhel8u6.x86_64.rpm	Intel E810-XXVDA4 adapter	1.10.1.2-1	1.10.1.2-1.rhel8u6	更新
237	Intel ica Driver for Microsoft Windows Server 2022	cp055478.exe	Intel E810-CQDA2 OCP3 adapter	1.12.148.0	1.12.148.0	更新
238	Intel ica Driver for Microsoft Windows Server 2022	cp055478.exe	Intel E810-XXVDA2 adapter	1.12.148.0	1.12.148.0	更新
239	Intel ica Driver for Microsoft Windows Server 2022	cp055478.exe	Intel E810-XXVDA2 OCP3 adapter	1.12.148.0	1.12.148.0	更新
240	Intel ica Driver for Microsoft Windows Server 2022	cp055478.exe	Intel E810-XXVDA4 adapter	1.12.148.0	1.12.148.0	更新
241	Intel ica Driver for Windows Server 2019	cp055477.exe	Intel E810-CQDA2 OCP3 adapter	1.12.148.0	1.12.148.0	更新
242	Intel ica Driver for Windows Server 2019	cp055477.exe	Intel E810-XXVDA2 adapter	1.12.148.0	1.12.148.0	更新
243	Intel ica Driver for Windows Server 2019	cp055477.exe	Intel E810-XXVDA2 OCP3 adapter	1.12.148.0	1.12.148.0	更新
244	Intel ica Driver for Windows Server 2019	cp055477.exe	Intel E810-XXVDA4 adapter	1.12.148.0	1.12.148.0	更新
245	Intel icen Driver for VMware vSphere 7.0	cp055475.zip	Intel E810-CQDA2 OCP3 adapter	2023.03.00	1.10.4.0-10EM.700.1.0.15843807	更新
246	Intel icen Driver for VMware vSphere 7.0	cp055475.zip	Intel E810-XXVDA2 adapter	2023.03.00	1.10.4.0-10EM.700.1.0.15843807	更新
247	Intel icen Driver for VMware vSphere 7.0	cp055475.zip	Intel E810-XXVDA2 OCP3 adapter	2023.03.00	1.10.4.0-10EM.700.1.0.15843807	更新
248	Intel icen Driver for VMware vSphere 7.0	cp055475.zip	Intel E810-XXVDA4 adapter	2023.03.00	1.10.4.0-10EM.700.1.0.15843807	更新
249	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi	cp054875.zip	MLX MCX631102 10/25GbE 2p SFP28 Adptr	2022.11.09	4.22.73.1004-10EM.703.0.0.18644231	更新

	7.0 Update 3					
250	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 7.0 Update 3	cp054875.zip	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	2022.11.09	4.22.73.1004-1OEM.703.0.0.18644231	更新
251	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 7.0 Update 3	cp054875.zip	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	2022.11.09	4.22.73.1004-1OEM.703.0.0.18644231	更新
252	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 7.0 Update 3	cp054875.zip	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	2022.11.09	4.22.73.1004-1OEM.703.0.0.18644231	更新
253	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 7.0 Update 3	cp054875.zip	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	2022.11.09	4.22.73.1004-1OEM.703.0.0.18644231	更新
254	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 7.0 Update 3	cp054875.zip	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	2022.11.09	4.22.73.1004-1OEM.703.0.0.18644231	更新
255	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 7.0 Update 3	cp054875.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2022.11.09	4.22.73.1004-1OEM.703.0.0.18644231	更新
256	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 7.0 Update 3	cp054875.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2022.11.09	4.22.73.1004-1OEM.703.0.0.18644231	更新
257	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 7.0 Update 3	cp054875.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2022.11.09	4.22.73.1004-1OEM.703.0.0.18644231	更新
258	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 7.0 Update 3	cp054875.zip	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	2022.11.09	4.22.73.1004-1OEM.703.0.0.18644231	更新
259	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 7.0 Update 3	cp054875.zip	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	2022.11.09	4.22.73.1004-1OEM.703.0.0.18644231	更新
260	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2019	cp054855.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	3.10.25798.0	3.10.25798.0	更新
261	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2019	cp054855.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	3.10.25798.0	3.10.25798.0	更新
262	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2019	cp054855.exe	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	3.10.25798.0	3.10.25798.0	更新
263	Mellanox CX5 and CX6DX	cp054855.exe	MLX MCX631102	3.10.25798.0	3.10.25798.0	更新



	Driver for Microsoft Windows Server 2019		10/25GbE 2p SFP28 Adptr	0		
264	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2019	cp054855.exe	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	3.10.25798.0	3.10.25798.0	更新
265	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2022	cp054856.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	3.10.25798.0	3.10.25798.0	更新
266	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2022	cp054856.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	3.10.25798.0	3.10.25798.0	更新
267	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2022	cp054856.exe	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	3.10.25798.0	3.10.25798.0	更新
268	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2022	cp054856.exe	MLX MCX631102 10/25GbE 2p SFP28 Adptr	3.10.25798.0	3.10.25798.0	更新
269	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2022	cp054856.exe	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	3.10.25798.0	3.10.25798.0	更新
270	net-mst kernel module driver component for VMware ESXi 7.0	cp052137.zip	MLX MCX631102 10/25GbE 2p SFP28 Adptr	2020.11.11 (D)	4.14.3.3-10EM.700.1.0.15525992	
271	net-mst kernel module driver component for VMware ESXi 7.0	cp052137.zip	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	2020.11.11 (D)	4.14.3.3-10EM.700.1.0.15525992	
272	net-mst kernel module driver component for VMware ESXi 7.0	cp052137.zip	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	2020.11.11 (D)	4.14.3.3-10EM.700.1.0.15525992	
273	net-mst kernel module driver component for VMware ESXi 7.0	cp052137.zip	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	2020.11.11 (D)	4.14.3.3-10EM.700.1.0.15525992	
274	net-mst kernel module driver component for VMware ESXi 7.0	cp052137.zip	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	2020.11.11 (D)	4.14.3.3-10EM.700.1.0.15525992	
275	net-mst kernel module driver component for VMware ESXi 7.0	cp052137.zip	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	2020.11.11 (D)	4.14.3.3-10EM.700.1.0.15525992	
276	net-mst kernel module driver component for VMware ESXi 7.0	cp052137.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2020.11.11 (D)	4.14.3.3-10EM.700.1.0.15525992	
277	net-mst kernel module driver component for VMware ESXi 7.0	cp052137.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2020.11.11 (D)	4.14.3.3-10EM.700.1.0.15525992	
278	net-mst kernel module driver component for VMware ESXi 7.0	cp052137.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2020.11.11 (D)	4.14.3.3-10EM.700.1.0.15525992	
279	net-mst kernel module driver component for VMware ESXi 7.0	cp052137.zip	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16	2020.11.11 (D)	4.14.3.3-10EM.700.1.0.15525992	

			Adapter			
280	net-mst kernel module driver component for VMware ESXi 7.0	cp052137.zip	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	2020.11.11 (D)	4.14.3.3-1OEM.700.1.0.15525992	

### 6.2.5 Driver – Storage

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
281	HPE Smart Array S100i SR Gen10 SW RAID Driver for Windows Server 2016 and Windows Server 2019	cp052315.exe	-	106.12.6.0 (D)	106.12.6.0 (D)	
282	HPE Smart Array S100i SR Gen10 SW RAID Driver for Windows Server 2022	cp052316.exe	-	1010.14.0.0 (C)	1010.14.0.0 (C)	
283	HPE Smart Storage SR100i Gen10 Plus SW RAID Driver for Windows Server 2016 and Windows Server 2019	cp052318.exe	-	106.124.100.1005	106.124.100.1005	
284	HPE Smart Storage SR100i Gen10 Plus SW RAID Driver for Windows Server 2022	cp052317.exe	-	1010.124.100.1005	1010.124.100.1005	

### 6.2.6 Driver – Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
285	HPE MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p Gen10P and Gen11 controller (64-bit) Driver for vSphere 7.0	cp055449.zip	Broadcom MR416i-p Cntrl for HPE Gen10+	2023.04.01	7.722.02.00-1OEM.700.1.0.15843807	更新
286	HPE MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p Gen10P and Gen11 controller (64-bit) Driver for vSphere 7.0	cp055449.zip	Broadcom MR416i-a Cntrl for HPE Gen10+	2023.04.01	7.722.02.00-1OEM.700.1.0.15843807	更新
287	HPE MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p Gen10P and Gen11 controller (64-bit) Driver for vSphere 7.0	cp055449.zip	Broadcom MR216i-p Cntrl for HPE Gen10+	2023.04.01	7.722.02.00-1OEM.700.1.0.15843807	更新
288	HPE MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p Gen10P and Gen11 controller (64-bit) Driver for vSphere 7.0	cp055449.zip	Broadcom MR216i-a Cntrl for HPE Gen10+	2023.04.01	7.722.02.00-1OEM.700.1.0.15843807	更新
289	HPE MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p Gen10P and Gen11 controller Driver for Microsoft Windows 2019 edition	cp055447.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	7.722.6.0 (C)	7.722.6.0 (C)	更新
290	HPE MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p Gen10P and Gen11 controller Driver for Microsoft Windows 2019 edition	cp055447.exe	Broadcom MR416i-a Cntrl for HPE Gen10+	7.722.6.0 (C)	7.722.6.0 (C)	更新
291	HPE MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p Gen10P and Gen11 controller Driver for	cp055447.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	7.722.6.0 (C)	7.722.6.0 (C)	更新

	Microsoft Windows 2019 edition					
292	HPE MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p Gen10P and Gen11 controller Driver for Microsoft Windows 2019 edition	cp055447.exe	Broadcom MR216i-a Cntrl for HPE Gen10+	7.722.6.0 (C)	7.722.6.0 (C)	更新
293	HPE MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p Gen10P and Gen11 controller driver for Microsoft Windows 2022 edition	cp055448.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	7.722.6.0 (C)	7.722.6.0 (C)	更新
294	HPE MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p Gen10P and Gen11 controller driver for Microsoft Windows 2022 edition	cp055448.exe	Broadcom MR416i-a Cntrl for HPE Gen10+	7.722.6.0 (C)	7.722.6.0 (C)	更新
295	HPE MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p Gen10P and Gen11 controller driver for Microsoft Windows 2022 edition	cp055448.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	7.722.6.0 (C)	7.722.6.0 (C)	更新
296	HPE MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p Gen10P and Gen11 controller driver for Microsoft Windows 2022 edition	cp055448.exe	Broadcom MR216i-a Cntrl for HPE Gen10+	7.722.6.0 (C)	7.722.6.0 (C)	更新
297	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp055511.zip	HPE Smart Array P408i-a SR Gen10 Controller	2023.04.01	70.4380.0.108 - 10EM.700.1.0 .15843807	更新
298	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp055511.zip	HPE Smart Array P408i-p SR Gen10 Controller	2023.04.01	70.4380.0.108 - 10EM.700.1.0 .15843807	更新
299	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp055511.zip	HPE Smart Array P816i-a SR Gen10 Controller	2023.04.01	70.4380.0.108 - 10EM.700.1.0 .15843807	更新
300	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp055511.zip	HPE Smart Array E208e-p SR Gen10 Controller	2023.04.01	70.4380.0.108 - 10EM.700.1.0 .15843807	更新
301	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp055511.zip	HPE Smart Array E208i-a SR Gen10 Controller	2023.04.01	70.4380.0.108 - 10EM.700.1.0 .15843807	更新
302	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp055511.zip	HPE Smart Array E208i-p SR Gen10 Controller	2023.04.01	70.4380.0.108 - 10EM.700.1.0 .15843807	更新
303	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp055511.zip	Microchip SR932i-p Cntrl for HPE Gen10+	2023.04.01	70.4380.0.108 - 10EM.700.1.0 .15843807	更新
304	HPE ProLiant Gen10 Smart Array and Gen10 Plus and Gen11 Smart RAID Controller	cp055511.zip	Microchip SR416i-a Cntrl for HPE Gen10+	2023.04.01	70.4380.0.108 - 10EM.700.1.0	更新

	Driver for VMware vSphere 7.0 (Driver Component).				.15843807	
305	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.20-035.rhel8u6.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	2.1.20-035 (C)	2.1.20-035.rhel8u6	更新
306	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.20-035.rhel8u6.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	2.1.20-035 (C)	2.1.20-035.rhel8u6	更新
307	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.20-035.rhel8u6.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	2.1.20-035 (C)	2.1.20-035.rhel8u6	更新
308	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.20-035.rhel8u6.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	2.1.20-035 (C)	2.1.20-035.rhel8u6	更新
309	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.20-035.rhel8u6.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	2.1.20-035 (C)	2.1.20-035.rhel8u6	更新
310	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.20-035.rhel8u6.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	2.1.20-035 (C)	2.1.20-035.rhel8u6	更新
311	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.20-035.rhel8u6.x86_64.rpm	Microchip SR932i-p Cntrl for HPE Gen10+	2.1.20-035 (C)	2.1.20-035.rhel8u6	更新
312	HPE ProLiant Gen10, Gen10Plus and Gen11 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.20-035.rhel8u6.x86_64.rpm	Microchip SR416i-a Cntrl for HPE Gen10+	2.1.20-035 (C)	2.1.20-035.rhel8u6	更新
313	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2016, Windows Server 2019 and Windows Server 2022	cp055510.exe	HPE Smart Array P408i-a SR Gen10 Controller	1010.52.0.1012 (C)	1010.52.0.1012 (C)	更新
314	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2016, Windows Server 2019 and Windows Server 2022	cp055510.exe	HPE Smart Array P408i-p SR Gen10 Controller	1010.52.0.1012 (C)	1010.52.0.1012 (C)	更新
315	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2016, Windows Server 2019 and Windows Server 2022	cp055510.exe	HPE Smart Array P816i-a SR Gen10 Controller	1010.52.0.1012 (C)	1010.52.0.1012 (C)	更新
316	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2016, Windows Server 2019 and Windows Server 2022	cp055510.exe	HPE Smart Array E208e-p SR Gen10 Controller	1010.52.0.1012 (C)	1010.52.0.1012 (C)	更新

317	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2016, Windows Server 2019 and Windows Server 2022	cp055510.exe	HPE Smart Array E208i-a SR Gen10 Controller	1010.52.0.1012 (C)	1010.52.0.1012 (C)	更新
318	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2016, Windows Server 2019 and Windows Server 2022	cp055510.exe	HPE Smart Array E208i-p SR Gen10 Controller	1010.52.0.1012 (C)	1010.52.0.1012 (C)	更新
319	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2016, Windows Server 2019 and Windows Server 2022	cp055510.exe	Microchip SR932i-p Cntrl for HPE Gen10+	1010.52.0.1012 (C)	1010.52.0.1012 (C)	更新
320	HPE Smart Array Gen10, Gen10Plus and Gen11 Controller Driver for Windows Server 2016, Windows Server 2019 and Windows Server 2022	cp055510.exe	Microchip SR416i-a Cntrl for HPE Gen10+	1010.52.0.1012 (C)	1010.52.0.1012 (C)	更新

### 6.2.7 Driver - Storage Fibre Channel and Fibre Channel over Ethernet

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
321	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp054530.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	14.0.534.0 (c)	14.0.534.0 (c)	更新
322	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp054530.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	14.0.534.0 (c)	14.0.534.0 (c)	更新
323	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp054530.exe	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	14.0.534.0 (c)	14.0.534.0 (c)	更新
324	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp054530.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	14.0.534.0 (c)	14.0.534.0 (c)	更新
325	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp054530.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	14.0.534.0 (c)	14.0.534.0 (c)	更新
326	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp054530.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	14.0.534.0 (c)	14.0.534.0 (c)	更新
327	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp054531.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	14.0.534.0 (c)	14.0.534.0 (c)	更新
328	HPE Storage Fibre Channel Adapter Kit for the x64	cp054531.exe	HPE SN1200E 16Gb Single Port	14.0.534.0 (c)	14.0.534.0 (c)	更新

	Emulex Storport Driver for Microsoft Windows Server 2022		Fibre Channel Host Bus Adapter			
329	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp054531.exe	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	14.0.534.0 (c)	14.0.534.0 (c)	更新
330	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp054531.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	14.0.534.0 (c)	14.0.534.0 (c)	更新
331	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp054531.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	14.0.534.0 (c)	14.0.534.0 (c)	更新
332	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp054531.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	14.0.534.0 (c)	14.0.534.0 (c)	更新
333	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp054432.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	9.4.6.20 (d)	9.4.6.20 (d)	更新
334	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp054432.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	9.4.6.20 (d)	9.4.6.20 (d)	更新
335	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp054432.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	9.4.6.20 (d)	9.4.6.20 (d)	更新
336	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp054432.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	9.4.6.20 (d)	9.4.6.20 (d)	更新
337	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp054432.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	9.4.6.20 (d)	9.4.6.20 (d)	更新
338	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp054432.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	9.4.6.20 (d)	9.4.6.20 (d)	更新
339	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp054433.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	9.4.6.20 (d)	9.4.6.20 (d)	更新
340	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp054433.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	9.4.6.20 (d)	9.4.6.20 (d)	更新
341	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for	cp054433.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel	9.4.6.20 (d)	9.4.6.20 (d)	更新

	Microsoft Windows Server 2022		Host Bus Adapter			
342	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp054433.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	9.4.6.20 (d)	9.4.6.20 (d)	更新
343	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp054433.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	9.4.6.20 (d)	9.4.6.20 (d)	更新
344	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp054433.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	9.4.6.20 (d)	9.4.6.20 (d)	更新
345	Red Hat Enterprise Linux 8 Update 6 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.0.499.31-1.rhel8u6.x86_64.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	14.0.499.31	14.0.499.31-1.rhel8u6	更新
346	Red Hat Enterprise Linux 8 Update 6 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.0.499.31-1.rhel8u6.x86_64.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	14.0.499.31	14.0.499.31-1.rhel8u6	更新
347	Red Hat Enterprise Linux 8 Update 6 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.0.499.31-1.rhel8u6.x86_64.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	14.0.499.31	14.0.499.31-1.rhel8u6	更新
348	Red Hat Enterprise Linux 8 Update 6 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.0.499.31-1.rhel8u6.x86_64.rpm	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	14.0.499.31	14.0.499.31-1.rhel8u6	更新
349	Red Hat Enterprise Linux 8 Update 6 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.0.499.31-1.rhel8u6.x86_64.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	14.0.499.31	14.0.499.31-1.rhel8u6	更新
350	Red Hat Enterprise Linux 8 Update 6 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters	kmod-elx-lpfc-14.0.499.31-1.rhel8u6.x86_64.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	14.0.499.31	14.0.499.31-1.rhel8u6	更新
351	Red Hat Enterprise Linux 8 Update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.07.01_k1-2.rhel8u6.x86_64.rpm	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	10.02.07.01-K1	10.02.07.01_k1-2.rhel8u6	更新
352	Red Hat Enterprise Linux 8 Update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.07.01_k1-2.rhel8u6.x86_64.rpm	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	10.02.07.01-K1	10.02.07.01_k1-2.rhel8u6	更新
353	Red Hat Enterprise Linux 8 Update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.07.01_k1-2.rhel8u6.x86_64.rpm	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	10.02.07.01-K1	10.02.07.01_k1-2.rhel8u6	更新
354	Red Hat Enterprise Linux 8 Update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.07.01_k1-2.rhel8u6.x86_64.rpm	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	10.02.07.01-K1	10.02.07.01_k1-2.rhel8u6	更新
355	Red Hat Enterprise Linux 8 Update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.07.01_k1-2.rhel8u6.x86_64.rpm	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	10.02.07.01-K1	10.02.07.01_k1-2.rhel8u6	更新
356	Red Hat Enterprise Linux 8 Update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.07.01_k1-2.rhel8u6.x86_64.rpm	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	10.02.07.01-K1	10.02.07.01_k1-2.rhel8u6	更新

## 6.2.8 Driver - System Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
357	iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2016 and 2019	cp055145.exe	-	4.7.1.0 (D)	4.7.1.0 (D)	更新
358	iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2022	cp055146.exe	-	4.7.1.0 (C)	4.7.1.0 (C)	更新
359	iLO 5 Channel Interface Driver for Microsoft Windows Server 2016 and 2019	cp055143.exe	-	4.7.1.0 (D)	4.7.1.0 (D)	更新
360	iLO 5 Channel Interface Driver for Microsoft Windows Server 2022	cp055144.exe	-	4.7.1.0 (D)	4.7.1.0 (D)	更新

## 6.2.9 Driver - Video

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
361	Matrox G200eH3 Video Controller Driver for Microsoft Windows 64-bit	cp055529.exe	-	9.15.1.248 (D)	9.15.1.248 (D)	更新

## 6.2.10 Firmware - Lights-Out Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
362	Language Pack - Japanese	cp053545.exe	Japanese Language Pack	2.72	2.72.08	
363	Language Pack - Japanese	firmware-ilo5-lpk-jari11-2.72-1.1.x86_64.rpm	Japanese Language Pack	2.72	2.72.08	
364	Online ROM Flash Component for Linux - iLO 5	firmware-ilo5-2.81-1.1.x86_64.rpm	iLO 5	2.81	2.81	更新
365	Online ROM Flash Component for Windows x64 - iLO 5	cp056004.exe	iLO 5	2.81	2.81	更新
366	Online ROM Flash Firmware Package - iLO 5	ilo5_281.fwpkg	iLO 5	2.81	2.81	更新

## 6.2.11 Firmware - Network

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
367	Broadcom Firmware Package for BCM5741x adapters	bcm224.1.102.0.pup.fw pkg	BCM 57412 10GbE 2p SFP+ Adptr	224.1.102.0	224.1.102.0	更新
368	Broadcom Firmware Package for BCM5741x adapters	bcm224.1.102.0.pup.fw pkg	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	224.1.102.0	224.1.102.0	更新
369	Broadcom Firmware Package for BCM5741x adapters	bcm224.1.102.0.pup.fw pkg	BCM 57414 10/25GbE 2p SFP28 Adptr	224.1.102.0	224.1.102.0	更新
370	Broadcom Firmware Package for BCM5741x adapters	bcm224.1.102.0.pup.fw pkg	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	224.1.102.0	224.1.102.0	更新
371	Broadcom Firmware Package for BCM5741x adapters	bcm224.1.102.0.pup.fw pkg	BCM 57416 10GbE 2p BASE-T Adptr	224.1.102.0	224.1.102.0	更新
372	Broadcom Firmware Package for BCM5741x adapters	bcm224.1.102.0.pup.fw pkg	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	224.1.102.0	224.1.102.0	更新



373	Broadcom Firmware Package for BCM5750x adapters	bcm224.1.102.0_Thor.pup.fwpkg	Broadcom NetXtreme-E BCM5750x adapters	224.1.102.0	224.1.102	更新
374	Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-bcm-open-2.32.3-1.1.x86_64.rpm	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE	2.32.3	20.24.41	更新
375	Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-bcm-open-2.32.3-1.1.x86_64.rpm	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE	2.32.3	20.24.41	更新
376	Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-bcm-open-2.32.3-1.1.x86_64.rpm	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	2.32.3	20.24.41	更新
377	Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP054668.zip	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE	1.33.2	20.24.41	更新
378	Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP054668.zip	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE	1.33.2	20.24.41	更新
379	Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP054668.zip	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	1.33.2	20.24.41	更新
380	Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp054669.exe	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE	5.3.3.0	20.24.41	更新
381	Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp054669.exe	Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE	5.3.3.0	20.24.41	更新
382	Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp054669.exe	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	5.3.3.0	20.24.41	更新
383	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm224.1.102000.Optimized.pup.fwpkg	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	224.1.102000	224.1.102000	更新
384	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm224.1.102000.Optimized.pup.fwpkg	HPE Ethernet 10Gb 2-port 535T Adapter	224.1.102000	224.1.102000	更新
385	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm224.1.102000.Optimized.pup.fwpkg	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	224.1.102000	224.1.102000	更新
386	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm224.1.102000.Optimized.pup.fwpkg	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	224.1.102000	224.1.102000	更新
387	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm224.1.102000.Optimized.pup.fwpkg	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	224.1.102000	224.1.102000	更新

388	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm224.1.10200.Optimized.pup.fwpkg	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	224.1.102000	224.1.102000	更新
389	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.32.3-1.1.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	2.32.3	20.24.41	更新
390	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.32.3-1.1.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	2.32.3	20.24.41	更新
391	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.32.3-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	2.32.3	20.24.41	更新
392	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.32.3-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	2.32.3	20.24.41	更新
393	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.32.3-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	2.32.3	20.24.41	更新
394	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP054665.zip	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	1.33.2	20.24.41	更新
395	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP054665.zip	HP Ethernet 1Gb 2-port 332T Adapter	1.33.2	20.24.41	更新
396	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP054665.zip	HP Ethernet 1Gb 4-port 331FLR Adapter	1.33.2	20.24.41	更新
397	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP054665.zip	HP Ethernet 1Gb 4-port 331T Adapter	1.33.2	20.24.41	更新
398	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP054665.zip	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	1.33.2	20.24.41	更新
399	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp054666.exe	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	5.3.3.0	20.24.41	更新
400	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp054666.exe	HP Ethernet 1Gb 2-port 332T Adapter	5.3.3.0	20.24.41	更新
401	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp054666.exe	HP Ethernet 1Gb 4-port 331FLR Adapter	5.3.3.0	20.24.41	更新
402	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp054666.exe	HP Ethernet 1Gb 4-port 331T Adapter	5.3.3.0	20.24.41	更新
403	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp054666.exe	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	5.3.3.0	20.24.41	更新
404	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.27.0-1.1.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	1.27.0	1.3299.0	更新
405	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.27.0-1.1.x86_64.rpm	HPE Ethernet 1Gb 2-port 361i Adapter	1.27.0	1.3299.0	更新
406	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.27.0-1.1.x86_64.rpm	HPE Ethernet 1Gb 2-port 361T Adapter	1.27.0	1.3299.0	更新
407	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.27.0-1.1.x86_64.rpm	HPE Ethernet 1Gb 4-port 366FLR Adapter	1.27.0	1.3299.0	更新
408	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.27.0-1.1.x86_64.rpm	HPE Ethernet 1Gb 4-port 366T Adapter	1.27.0	1.3299.0	更新
409	HPE Intel Online Firmware Upgrade Utility for Linux	firmware-nic-intel-1.27.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port	1.27.0	11.1.3	更新

	x86_64		562FLR-SFP+ Adapter			
410	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.27.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	1.27.0	10.55.3	更新
411	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.27.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.27.0	11.1.3	更新
412	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.27.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	1.27.0	10.55.3	更新
413	HPE Intel Online Firmware Upgrade Utility for VMware	CP051019.zip	HPE Ethernet 1Gb 4-port 369i Adapter	3.20.0	1.3299.0	更新
414	HPE Intel Online Firmware Upgrade Utility for VMware	CP051019.zip	HPE Ethernet 1Gb 2-port 361i Adapter	3.20.0	1.3299.0	更新
415	HPE Intel Online Firmware Upgrade Utility for VMware	CP051019.zip	HPE Ethernet 1Gb 2-port 361T Adapter	3.20.0	1.3299.0	更新
416	HPE Intel Online Firmware Upgrade Utility for VMware	CP051019.zip	HPE Ethernet 1Gb 4-port 366FLR Adapter	3.20.0	1.3299.0	更新
417	HPE Intel Online Firmware Upgrade Utility for VMware	CP051019.zip	HPE Ethernet 1Gb 4-port 366T Adapter	3.20.0	1.3299.0	更新
418	HPE Intel Online Firmware Upgrade Utility for VMware	CP051019.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	3.20.0	11.1.3	更新
419	HPE Intel Online Firmware Upgrade Utility for VMware	CP051019.zip	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	3.20.0	10.55.3	更新
420	HPE Intel Online Firmware Upgrade Utility for VMware	CP051019.zip	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	3.20.0	11.1.3	更新
421	HPE Intel Online Firmware Upgrade Utility for VMware	CP051019.zip	HPE Ethernet 10Gb 2-port 562T Adapter	3.20.0	10.55.3	更新
422	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051009.exe	HPE Ethernet 1Gb 4-port 369i Adapter	5.3.3.0	1.3299.0	更新
423	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051009.exe	HPE Ethernet 1Gb 2-port 361i Adapter	5.3.3.0	1.3299.0	更新
424	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051009.exe	HPE Ethernet 1Gb 2-port 361T Adapter	5.3.3.0	1.3299.0	更新
425	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051009.exe	HPE Ethernet 1Gb 4-port 366FLR Adapter	5.3.3.0	1.3299.0	更新
426	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051009.exe	HPE Ethernet 1Gb 4-port 366T Adapter	5.3.3.0	1.3299.0	更新
427	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051009.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	5.3.3.0	11.1.3	更新
428	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051009.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.3.3.0	10.55.3	更新
429	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp051009.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	5.3.3.0	11.1.3	更新
430	HPE Intel Online Firmware Upgrade Utility for Windows	cp051009.exe	HPE Ethernet 10Gb 2-port 562T	5.3.3.0	10.55.3	更新

	Server x64 Editions		Adapter			
431	HPE QLogic FastLinQ Firmware Package for Arrowhead adapters	ql_hp_ah_mbi_8.65.01_pldm.fwpkg	HPE 10GbE 2p BASE-T QL41401 Adptr(HPE Eth 10Gb 2p 521T Adptr)	8.65.01	8.65.01	更新
432	HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-nx2-2.32.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	2.32.0	7.19.14	更新
433	HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-nx2-2.32.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 530T Adapter	2.32.0	7.19.14	更新
434	HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-nx2-2.32.0-1.1.x86_64.rpm	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	2.32.0	7.19.14	更新
435	HPE QLogic NX2 Online Firmware Upgrade Utility for VMware	CP055125.zip	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	1.32.0	7.19.14	更新
436	HPE QLogic NX2 Online Firmware Upgrade Utility for VMware	CP055125.zip	HPE Ethernet 10Gb 2-port 530T Adapter	1.32.0	7.19.14	更新
437	HPE QLogic NX2 Online Firmware Upgrade Utility for VMware	CP055125.zip	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	1.32.0	7.19.14	更新
438	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp055126.exe	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	5.3.3.0	7.19.14	更新
439	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp055126.exe	HPE Ethernet 10Gb 2-port 530T Adapter	5.3.3.0	7.19.14	更新
440	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp055126.exe	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	5.3.3.0	7.19.14	更新
441	Intel Firmware Package For E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter	HPE_E810_CQDA2_OCP_4p10_NCSiwPLDMoMCTP_80015190.fwpkg	Intel E810-CQDA2 OCP3 adapter	4.10	4.10	更新
442	Intel Firmware Package For E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter	HPE_E810_XXVDA2_SD_4p10_PLDMoMCTP_80015188.fwpkg	Intel E810-XXVDA2 adapter	4.10	4.10	更新
443	Intel Firmware Package For E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter	HPE_E810_XXVDA2_SD_OCP_4p10_NCSiwPLDMoMCTP_8001518D.fw pkg	Intel E810-XXVDA2 OCP3 adapter	4.10	4.10	更新
444	Intel Firmware Package For E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter	HPE_E810_XXVDA4_FH_4p10_PLDMoMCTP_8001518F.fwpkg	Intel E810-XXVDA4 adapter	4.10	4.10	更新
445	Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-is-intel-1.27.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	1.27.0	1.3310.0	更新
446	Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-is-intel-1.27.0-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	1.27.0	1.3310.0	更新
447	Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-is-intel-1.27.0-1.1.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	1.27.0	1.3310.0	更新
448	Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-is-intel-1.27.0-1.1.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	1.27.0	1.3310.0	更新
449	Intel Online Firmware Upgrade Utility for VMware	CP055491.zip	HPE Ethernet 10Gb 2-port SFP+	3.20.0	1.3310.0	更新

			OCP3 X710-DA2 Adapter			
450	Intel Online Firmware Upgrade Utility for VMware	CP055491.zip	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	3.20.0	1.3310.0	更新
451	Intel Online Firmware Upgrade Utility for VMware	CP055491.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	3.20.0	1.3310.0	更新
452	Intel Online Firmware Upgrade Utility for VMware	CP055491.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	3.20.0	1.3310.0	更新
453	Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp055492.exe	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	5.3.3.0	1.3310.0	更新
454	Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp055492.exe	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	5.3.3.0	1.3310.0	更新
455	Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp055492.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	5.3.3.0	1.3310.0	更新
456	Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp055492.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	5.3.3.0	1.3310.0	更新
457	Mellanox Firmware Package (FWPKG) - Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	26_35_1012-MCX631102AS-ADA_Ax.pldm.fwpkg	MLX MCX631102 10/25GbE 2p SFP28 Adptr	26.35.1012	26.35.1012	更新
458	Mellanox Firmware Package (FWPKG) - Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	26_35_1012-MCX631432AS-ADA_Ax.pldm.fwpkg	MLX MCX6314 10/25GbE 2p SFP28 OCP3 Adptr	26.35.1012	26.35.1012	更新
459	Mellanox Firmware Package (FWPKG) for HPE Ethernet 100Gb 1-port QSFP28 PCIe3 x16 MCX515A-CCAT Adapter : HPE part numbers P31246-B21 and P31246-H21	16_35_1012-MCX515A-CCA_HPE_Ax.pldm.fwpkg	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	16.35.1012	16.35.1012	更新
460	Mellanox Firmware Package (FWPKG) for HPE InfiniBand HDR100/Ethernet 100Gb 2-port QSFP56 PCIe4 x16 MCX653106A-ECAT Adapter : HPE part numbers P23666-B21 and P23666-H21	20_35_1012-MCX653106A-ECA_HPE_Ax.pldm.fwpkg	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	20.35.1012	20.35.1012	更新
461	Mellanox Firmware Package (FWPKG) for Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	16_35_1012-MCX562A-ACA_Ax_Bx.pldm.fwpkg	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	16.35.1012	16.35.1012	更新
462	Mellanox Firmware Package (FWPKG) for Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	22_35_1012-MCX623106AS-CDA_Ax.pldm.fwpkg	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	22.35.1012	22.35.1012	更新
463	Mellanox Firmware Package(FWPKG) for HPE Ethernet 10/25Gb 2-port	16_35_1012-MCX512F-ACH_Ax_Bx.pldm.fwpkg	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-	16.35.1012	16.35.1012	更新

	SFP28 MCX512F-ACHT Adapter		ACAT Adapter			
464	Online Firmware Upgrade Utility (ESXi 7.0) for HPE Mellanox Ethernet only adapters	CP055397.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.6	14.32.1010	更新
465	Online Firmware Upgrade Utility (ESXi 7.0) for HPE Mellanox Ethernet only adapters	CP055397.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.6	14.32.1010	更新
466	Online Firmware Upgrade Utility (ESXi 7.0) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 7.0	CP055506.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.5	16.35.1012	更新
467	Online Firmware Upgrade Utility (ESXi 7.0) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX6 devices on VMware ESXi 7.0	CP055642.zip	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	1.0.5	20.35.1012	更新
468	Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox Ethernet only adapters	firmware-nic-mellanox-ethernet-only-1.0.19-1.1.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.19	14.32.1010	更新
469	Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox Ethernet only adapters	firmware-nic-mellanox-ethernet-only-1.0.19-1.1.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.19	14.32.1010	更新
470	Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Linux x86_64 platform	firmware-hca-mellanox-vpi-connectx4-1.0.14-1.1.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.14	16.35.1012	更新
471	Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX6 devices on Linux x86_64 platform	firmware-hca-mellanox-vpi-connectx6-mft-1.0.10-1.1.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	1.0.10	20.35.1012	更新
472	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters	cp055395.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.0.19	14.32.1010	更新
473	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters	cp055395.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.0.19	14.32.1010	更新
474	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Windows x86_64 platform	cp055508.exe	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.0.13	16.35.1012	更新
475	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX6 devices on Windows x86_64 platform	cp055641.exe	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	1.0.0.7	20.35.1012	更新

## 6.2.12 Firmware - PCIe NVMe Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
476	Online NVMe SSD Flash Component for Linux (x64) - EO000400KYDKV and EO000800KYDLA Drives	firmware-hdd-6758a46eb7-4IASHPK3-2.1.x86_64.rpm	EO000400KYDKV	4IASHPK3 (B)	4IASHPK3	新規追加
477	Online NVMe SSD Flash Component for Linux (x64) - EO000400KYDKV and EO000800KYDLA Drives	firmware-hdd-6758a46eb7-4IASHPK3-2.1.x86_64.rpm	EO000800KYDLA	4IASHPK3 (B)	4IASHPK3	新規追加
478	Online NVMe SSD Flash Component for Linux (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	firmware-hdd-c4355d15c4-4ICSHPK4-6.1.x86_64.rpm	ET000750KWJTF	4ICSHPK4 (F)	4ICSHPK4	更新
479	Online NVMe SSD Flash Component for Linux (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	firmware-hdd-c4355d15c4-4ICSHPK4-6.1.x86_64.rpm	EO000375KWJUC	4ICSHPK4 (F)	4ICSHPK4	更新
480	Online NVMe SSD Flash Component for Linux (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	firmware-hdd-c4355d15c4-4ICSHPK4-6.1.x86_64.rpm	EO000750KWTXC	4ICSHPK4 (F)	4ICSHPK4	更新
481	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK6-1.1.x86_64.rpm	KCD6XVUL1T60	GPK6	GPK6	更新
482	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK6-1.1.x86_64.rpm	KCD6XVUL3T20	GPK6	GPK6	更新
483	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK6-1.1.x86_64.rpm	KCD6XVUL6T40	GPK6	GPK6	更新
484	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60,	firmware-hdd-6fc985bd3b-GPK6-1.1.x86_64.rpm	KCD6XVUL800G	GPK6	GPK6	更新

	KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives					
485	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd- 6fc985bd3b-GPK6- 1.1.x86_64.rpm	KCD6XLUL1T92	GPK6	GPK6	更新
486	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd- 6fc985bd3b-GPK6- 1.1.x86_64.rpm	KCD6XLUL3T84	GPK6	GPK6	更新
487	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd- 6fc985bd3b-GPK6- 1.1.x86_64.rpm	KCD6XLUL7T68	GPK6	GPK6	更新
488	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd- 6fc985bd3b-GPK6- 1.1.x86_64.rpm	KCD6XLUL960G	GPK6	GPK6	更新
489	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84,	firmware-hdd- 6fc985bd3b-GPK6- 1.1.x86_64.rpm	KCD6XVUL12T8	GPK6	GPK6	更新



	KCD6XLUL7T68 and KCD6XLUL15T3 Drives					
490	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd- 6fc985bd3b-GPK6- 1.1.x86_64.rpm	KCD6XLUL15T3	GPK6	GPK6	更新
491	Online NVMe SSD Flash Component for Linux (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	firmware-hdd- 1a541ed00d-GPK4- 1.1.x86_64.rpm	KCM6FRUL1T92	GPK4	GPK4	更新
492	Online NVMe SSD Flash Component for Linux (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	firmware-hdd- 1a541ed00d-GPK4- 1.1.x86_64.rpm	KCM6FRUL3T84	GPK4	GPK4	更新
493	Online NVMe SSD Flash Component for Linux (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	firmware-hdd- 1a541ed00d-GPK4- 1.1.x86_64.rpm	KCM6FVUL1T60	GPK4	GPK4	更新
494	Online NVMe SSD Flash Component for Linux (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	firmware-hdd- 1a541ed00d-GPK4- 1.1.x86_64.rpm	KCM6FVUL3T20	GPK4	GPK4	更新
495	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd- 3815d4b024-GPK6- 1.1.x86_64.rpm	KCM6XVUL800G	GPK6	GPK6	更新
496	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd- 3815d4b024-GPK6- 1.1.x86_64.rpm	KCM6XVUL1T60	GPK6	GPK6	更新
497	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92,	firmware-hdd- 3815d4b024-GPK6- 1.1.x86_64.rpm	KCM6XVUL3T20	GPK6	GPK6	更新

	KCM6XRUL3T84 and KCM6XRUL7T68 Drives					
498	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK6-1.1.x86_64.rpm	KCM6XVUL6T40	GPK6	GPK6	更新
499	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK6-1.1.x86_64.rpm	KCM6XRUL960G	GPK6	GPK6	更新
500	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK6-1.1.x86_64.rpm	KCM6XRUL1T92	GPK6	GPK6	更新
501	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK6-1.1.x86_64.rpm	KCM6XRUL3T84	GPK6	GPK6	更新
502	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK6-1.1.x86_64.rpm	KCM6XRUL7T68	GPK6	GPK6	更新
503	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-9.1.x86_64.rpm	LO0400KEFJQ	HPK4 (I)	HPK4	更新
504	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-9.1.x86_64.rpm	LO0800KEFJR	HPK4 (I)	HPK4	更新
505	Online NVMe SSD Flash Component for Linux (x64) -	firmware-hdd-d64642c780-HPK4-	LO1600KEFJT	HPK4 (I)	HPK4	更新

	LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	9.1.x86_64.rpm				
506	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-9.1.x86_64.rpm	LO2000KEFJU	HPK4 (I)	HPK4	更新
507	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-9.1.x86_64.rpm	LT0800KEXVA	HPK4 (I)	HPK4	更新
508	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-9.1.x86_64.rpm	LT1600KEXVB	HPK4 (I)	HPK4	更新
509	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-9.1.x86_64.rpm	LT2000KEXVC	HPK4 (I)	HPK4	更新
510	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	firmware-hdd-b45e49679c-HPK4-9.1.x86_64.rpm	VK001920KWDUH	HPK4 (I)	HPK4	更新
511	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	firmware-hdd-b45e49679c-HPK4-9.1.x86_64.rpm	MK001600KWDUN	HPK4 (I)	HPK4	更新
512	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	firmware-hdd-b45e49679c-HPK4-9.1.x86_64.rpm	VK000960KWDUF	HPK4 (I)	HPK4	更新
513	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	firmware-hdd-b45e49679c-HPK4-9.1.x86_64.rpm	MK000800KWDUL	HPK4 (I)	HPK4	更新
514	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF,	firmware-hdd-b45e49679c-HPK4-9.1.x86_64.rpm	VK000480KWDUE	HPK4 (I)	HPK4	更新

	MK001600KWDUN and VK001920KWDUH Drives					
515	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	firmware-hdd-b45e49679c-HPK4-9.1.x86_64.rpm	MK000400KWDUK	HPK4 (I)	HPK4	更新
516	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK3-8.1.x86_64.rpm	MK000800KWWFE	HPK3 (H)	HPK3	
517	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK3-8.1.x86_64.rpm	MK001600KWWFF	HPK3 (H)	HPK3	
518	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK3-8.1.x86_64.rpm	MK003200KWWFH	HPK3 (H)	HPK3	
519	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK3-8.1.x86_64.rpm	MK006400KWWFK	HPK3 (H)	HPK3	
520	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd-54addf5312-HPK3-8.1.x86_64.rpm	VK000960KWWFL	HPK3 (H)	HPK3	
521	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK,	firmware-hdd-54addf5312-HPK3-8.1.x86_64.rpm	VK001920KWWFN	HPK3 (H)	HPK3	

	VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives					
522	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd- 54addf5312-HPK3- 8.1.x86_64.rpm	VK003840KWWFP	HPK3 (H)	HPK3	
523	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd- 54addf5312-HPK3- 8.1.x86_64.rpm	VK007680KWWF Q	HPK3 (H)	HPK3	
524	Online NVMe SSD Flash Component for Linux (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	firmware-hdd- cea219e4b1-HPK3- 6.1.x86_64.rpm	MO001600KVVN B	HPK3 (F)	HPK3	更新
525	Online NVMe SSD Flash Component for Linux (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	firmware-hdd- cea219e4b1-HPK3- 6.1.x86_64.rpm	MO003200KVVN C	HPK3 (F)	HPK3	更新
526	Online NVMe SSD Flash Component for Linux (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	firmware-hdd- cea219e4b1-HPK3- 6.1.x86_64.rpm	MO006400KVVN D	HPK3 (F)	HPK3	更新
527	Online NVMe SSD Flash Component for Linux (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	firmware-hdd- cea219e4b1-HPK3- 6.1.x86_64.rpm	MT001600KWSTB	HPK3 (F)	HPK3	更新
528	Online NVMe SSD Flash Component for Linux (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	firmware-hdd- cea219e4b1-HPK3- 6.1.x86_64.rpm	MT003200KWSTC	HPK3 (F)	HPK3	更新
529	Online NVMe SSD Flash Component for Linux (x64) -	firmware-hdd- cea219e4b1-HPK3-	MT006400KWSTD	HPK3 (F)	HPK3	更新

	MO001600KWVNB, MO003200KWVNC, MO006400KWVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	6.1.x86_64.rpm				
530	Online NVMe SSD Flash Component for Linux (x64) - MO001600KWZQP and MO003200KWZQQ Drives	firmware-hdd- 95b6ae2e85-HPK6- 2.1.x86_64.rpm	MO001600KWZQ P	HPK6 (B)	HPK6	
531	Online NVMe SSD Flash Component for Linux (x64) - MO001600KWZQP and MO003200KWZQQ Drives	firmware-hdd- 95b6ae2e85-HPK6- 2.1.x86_64.rpm	MO003200KWZQ Q	HPK6 (B)	HPK6	
532	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd- 2a5b65f157-HPK4- 9.1.x86_64.rpm	MO0400KEFHN	HPK4 (I)	HPK4	更新
533	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd- 2a5b65f157-HPK4- 9.1.x86_64.rpm	MO0800KEFHP	HPK4 (I)	HPK4	更新
534	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd- 2a5b65f157-HPK4- 9.1.x86_64.rpm	MO1600KEFHQ	HPK4 (I)	HPK4	更新
535	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd- 2a5b65f157-HPK4- 9.1.x86_64.rpm	MO2000KEFHR	HPK4 (I)	HPK4	更新
536	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd- 2a5b65f157-HPK4- 9.1.x86_64.rpm	MT0800KEXUU	HPK4 (I)	HPK4	更新
537	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd- 2a5b65f157-HPK4- 9.1.x86_64.rpm	MT1600KEXUV	HPK4 (I)	HPK4	更新
538	Online NVMe SSD Flash Component for Linux (x64) - MT001600KWHAC, MT003200KWHAD and	firmware-hdd- 8e8ddc5265-HPK2- 3.1.x86_64.rpm	MT001600KWHAC	HPK2 (C)	HPK2	

	MT006400KWHAE Drives					
539	Online NVMe SSD Flash Component for Linux (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	firmware-hdd-8e8ddc5265-HPK2-3.1.x86_64.rpm	MT003200KWHAD	HPK2 (C)	HPK2	
540	Online NVMe SSD Flash Component for Linux (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	firmware-hdd-8e8ddc5265-HPK2-3.1.x86_64.rpm	MT006400KWHAE	HPK2 (C)	HPK2	
541	Online NVMe SSD Flash Component for Linux (x64) - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	firmware-hdd-6628fce235-EPK76H3Q-2.1.x86_64.rpm	MZPLJ1T6HBJR-000H3	EPK76H3Q (B)	EPK76H3Q	
542	Online NVMe SSD Flash Component for Linux (x64) - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	firmware-hdd-6628fce235-EPK76H3Q-2.1.x86_64.rpm	MZPLJ3T2HBJR-000H3	EPK76H3Q (B)	EPK76H3Q	
543	Online NVMe SSD Flash Component for Linux (x64) - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	firmware-hdd-6628fce235-EPK76H3Q-2.1.x86_64.rpm	MZPLJ6T4HALA-000H3	EPK76H3Q (B)	EPK76H3Q	
544	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-000H3 Driv	firmware-hdd-e320db791d-MPK76H5Q-2.1.x86_64.rpm	MZXL5800HBHQ-000H3	MPK76H5Q (B)	MPK76H5Q	
545	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-000H3 Driv	firmware-hdd-e320db791d-MPK76H5Q-2.1.x86_64.rpm	MZXL51T6HBJR-000H3	MPK76H5Q (B)	MPK76H5Q	
546	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-000H3 Driv	firmware-hdd-e320db791d-MPK76H5Q-2.1.x86_64.rpm	MZXL53T2HBLS-000H3	MPK76H5Q (B)	MPK76H5Q	
547	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3,	firmware-hdd-e320db791d-MPK76H5Q-2.1.x86_64.rpm	MZXL56T4HALA-000H3	MPK76H5Q (B)	MPK76H5Q	

	MZXL53T2HBL5-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBL5-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv					
548	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBL5-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBL5-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	firmware-hdd- e320db791d- MPK76H5Q- 2.1.x86_64.rpm	MZXL512THALA- 000H3	MPK76H5Q (B)	MPK76H5Q	
549	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBL5-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBL5-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	firmware-hdd- e320db791d- MPK76H5Q- 2.1.x86_64.rpm	MZXL5960HBHQ- 000H3	MPK76H5Q (B)	MPK76H5Q	
550	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBL5-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBL5-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	firmware-hdd- e320db791d- MPK76H5Q- 2.1.x86_64.rpm	MZXL51T9HBJR- 000H3	MPK76H5Q (B)	MPK76H5Q	
551	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBL5-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBL5-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	firmware-hdd- e320db791d- MPK76H5Q- 2.1.x86_64.rpm	MZXL53T8HBL5- 000H3	MPK76H5Q (B)	MPK76H5Q	
552	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBL5-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBL5-000H3,	firmware-hdd- e320db791d- MPK76H5Q- 2.1.x86_64.rpm	MZXL57T6HALA- 000H3	MPK76H5Q (B)	MPK76H5Q	



	MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv					
553	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	firmware-hdd-e320db791d-MPK76H5Q-2.1.x86_64.rpm	MZXL515THALA-000H3	MPK76H5Q (B)	MPK76H5Q	
554	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd-726d5ec795-HPK2-1.1.x86_64.rpm	VO000960KWUEA	HPK2	HPK2	
555	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd-726d5ec795-HPK2-1.1.x86_64.rpm	VO001920KWUEB	HPK2	HPK2	
556	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd-726d5ec795-HPK2-1.1.x86_64.rpm	VO003840KWUEC	HPK2	HPK2	
557	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd-726d5ec795-HPK2-1.1.x86_64.rpm	VO007680KWUED	HPK2	HPK2	
558	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR,	firmware-hdd-726d5ec795-HPK2-1.1.x86_64.rpm	VO015360KWUEE	HPK2	HPK2	

	MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives					
559	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd- 726d5ec795-HPK2- 1.1.x86_64.rpm	MO000800KWUD R	HPK2	HPK2	
560	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd- 726d5ec795-HPK2- 1.1.x86_64.rpm	MO001600KWUD T	HPK2	HPK2	
561	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd- 726d5ec795-HPK2- 1.1.x86_64.rpm	MO003200KWUD U	HPK2	HPK2	
562	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	firmware-hdd- 726d5ec795-HPK2- 1.1.x86_64.rpm	MO006400KWUD V	HPK2	HPK2	
563	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	firmware-hdd- a9843986b0-HPK2- 1.1.x86_64.rpm	VO000960KWVBR	HPK2	HPK2	
564	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	firmware-hdd- a9843986b0-HPK2- 1.1.x86_64.rpm	VO001920KWVBT	HPK2	HPK2	
565	Online NVMe SSD Flash Component for Linux (x64) - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	firmware-hdd- a9843986b0-HPK2- 1.1.x86_64.rpm	VO003840KWVBU	HPK2	HPK2	
566	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP,	firmware-hdd- 035a863453-HPK5- 2.1.x86_64.rpm	VO000960KXAVL	HPK5 (B)	HPK5	更新

	VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives					
567	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd- 035a863453-HPK5- 2.1.x86_64.rpm	VO001920KXAVP	HPK5 (B)	HPK5	更新
568	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd- 035a863453-HPK5- 2.1.x86_64.rpm	VO003840KXAVQ	HPK5 (B)	HPK5	更新
569	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd- 035a863453-HPK5- 2.1.x86_64.rpm	VO007680KXAVR	HPK5 (B)	HPK5	更新
570	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd- 035a863453-HPK5- 2.1.x86_64.rpm	MO000800KXAVN	HPK5 (B)	HPK5	更新
571	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd- 035a863453-HPK5- 2.1.x86_64.rpm	MO001600KXAVT	HPK5 (B)	HPK5	更新
572	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd- 035a863453-HPK5- 2.1.x86_64.rpm	MO003200KXAVU	HPK5 (B)	HPK5	更新

573	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK5-2.1.x86_64.rpm	MO006400KXAVV	HPK5 (B)	HPK5	更新
574	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd-1656c1b14a-4ICDHPK1-4.1.x86_64.rpm	VO001000KWJSE	4ICDHPK1 (D)	4ICDHPK1	
575	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd-1656c1b14a-4ICDHPK1-4.1.x86_64.rpm	VO002000KWJSF	4ICDHPK1 (D)	4ICDHPK1	
576	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd-1656c1b14a-4ICDHPK1-4.1.x86_64.rpm	VO004000KWJSH	4ICDHPK1 (D)	4ICDHPK1	
577	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd-1656c1b14a-4ICDHPK1-4.1.x86_64.rpm	VT004000KWJSU	4ICDHPK1 (D)	4ICDHPK1	
578	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd-1656c1b14a-4ICDHPK1-4.1.x86_64.rpm	MO001600KWJSN	4ICDHPK1 (D)	4ICDHPK1	
579	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd-1656c1b14a-4ICDHPK1-4.1.x86_64.rpm	MO003200KWJSQ	4ICDHPK1 (D)	4ICDHPK1	
580	Online NVMe SSD Flash Component for Linux (x64) - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	firmware-hdd-fe9c474847-HPK3-6.1.x86_64.rpm	VO001920KWVMT	HPK3 (F)	HPK3	更新
581	Online NVMe SSD Flash Component for Linux (x64) - VO001920KWVMT,	firmware-hdd-fe9c474847-HPK3-6.1.x86_64.rpm	VO003840KWVMU	HPK3 (F)	HPK3	更新

	VO003840KWVMU, and VO007680KWVMV Drives					
582	Online NVMe SSD Flash Component for Linux (x64) - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	firmware-hdd- fe9c474847-HPK3- 6.1.x86_64.rpm	VO007680KWVM V	HPK3 (F)	HPK3	更新
583	Online NVMe SSD Flash Component for Linux (x64) - VO001920KWZQR and VO003840KWZQT Drives	firmware-hdd- 2af7385a1e-HPK6- 2.1.x86_64.rpm	VO001920KWZQR	HPK6 (B)	HPK6	
584	Online NVMe SSD Flash Component for Linux (x64) - VO001920KWZQR and VO003840KWZQT Drives	firmware-hdd- 2af7385a1e-HPK6- 2.1.x86_64.rpm	VO003840KWZQT	HPK6 (B)	HPK6	
585	Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	firmware-hdd- a27c95663d-HPK2- 2.1.x86_64.rpm	VO001920KYDMT	HPK2 (B)	HPK2	新規追加
586	Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	firmware-hdd- a27c95663d-HPK2- 2.1.x86_64.rpm	VO003840KYDMV	HPK2 (B)	HPK2	新規追加
587	Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	firmware-hdd- a27c95663d-HPK2- 2.1.x86_64.rpm	MO001600KYDM U	HPK2 (B)	HPK2	新規追加
588	Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	firmware-hdd- a27c95663d-HPK2- 2.1.x86_64.rpm	MO003200KYDNC	HPK2 (B)	HPK2	新規追加
589	Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	firmware-hdd- a27c95663d-HPK2- 2.1.x86_64.rpm	MO006400KYDND	HPK2 (B)	HPK2	新規追加
590	Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC,	firmware-hdd- a27c95663d-HPK2- 2.1.x86_64.rpm	VO007680KYDNA	HPK2 (B)	HPK2	新規追加

	MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives					
591	Online NVMe SSD Flash Component for Linux (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	firmware-hdd- a27c95663d-HPK2- 2.1.x86_64.rpm	VO015360KYDNB	HPK2 (B)	HPK2	新規追加
592	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd- 92d876cfea-4ICRHPK3- 5.1.x86_64.rpm	VO002000KWVVC	4ICRHPK3 (E)	4ICRHPK3	
593	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd- 92d876cfea-4ICRHPK3- 5.1.x86_64.rpm	VO004000KWVUR	4ICRHPK3 (E)	4ICRHPK3	
594	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd- 92d876cfea-4ICRHPK3- 5.1.x86_64.rpm	MO001600KWVU U	4ICRHPK3 (E)	4ICRHPK3	
595	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd- 92d876cfea-4ICRHPK3- 5.1.x86_64.rpm	MO003200KWVU V	4ICRHPK3 (E)	4ICRHPK3	
596	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd- 92d876cfea-4ICRHPK3- 5.1.x86_64.rpm	MO006400KWVV A	4ICRHPK3 (E)	4ICRHPK3	
597	Online NVMe SSD Flash Component for Linux (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	firmware-hdd- 9a826ccd8a-HPK4- 9.1.x86_64.rpm	VO0400KEFJB	HPK4 (I)	HPK4	更新
598	Online NVMe SSD Flash Component for Linux (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	firmware-hdd- 9a826ccd8a-HPK4- 9.1.x86_64.rpm	VO1200KEFJC	HPK4 (I)	HPK4	更新
599	Online NVMe SSD Flash Component for Linux (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	firmware-hdd- 9a826ccd8a-HPK4- 9.1.x86_64.rpm	VO2000KEFJD	HPK4 (I)	HPK4	更新
600	Online NVMe SSD Flash Component for Linux (x64) - VS000480KWDUP, VS000960KWUDUQ, MS000400KWDUR and MS000800KWDUT Drives	firmware-hdd- 95a2e5abcb-HPK4- 9.1.x86_64.rpm	VS000480KWDUP	HPK4 (I)	HPK4	更新
601	Online NVMe SSD Flash	firmware-hdd-	VS000960KWUDUQ	HPK4 (I)	HPK4	更新

	Component for Linux (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	95a2e5abcb-HPK4-9.1.x86_64.rpm				
602	Online NVMe SSD Flash Component for Linux (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	firmware-hdd-95a2e5abcb-HPK4-9.1.x86_64.rpm	MS000400KWDUR	HPK4 (I)	HPK4	更新
603	Online NVMe SSD Flash Component for Linux (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	firmware-hdd-95a2e5abcb-HPK4-9.1.x86_64.rpm	MS000800KWDUT	HPK4 (I)	HPK4	更新
604	Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN Drives	firmware-hdd-805abb7e9c-85032G00-4.1.x86_64.rpm	VS003840KWXFQ	85032G00 (D)	85032G00	更新
605	Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN Drives	firmware-hdd-805abb7e9c-85032G00-4.1.x86_64.rpm	VS000960KWXFN	85032G00 (D)	85032G00	更新
606	Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN Drives	firmware-hdd-805abb7e9c-85032G00-4.1.x86_64.rpm	VS001920KWXFP	85032G00 (D)	85032G00	更新
607	Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN Drives	firmware-hdd-805abb7e9c-85032G00-4.1.x86_64.rpm	VS000480KXALB	85032G00 (D)	85032G00	更新
608	Online NVMe SSD Flash Component for Linux (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd-951aefd63e-MPK7625Q-2.1.x86_64.rpm	MZXLR800HBHQ-000H3	MPK7625Q (B)	MPK7625Q	
609	Online NVMe SSD Flash Component for Linux (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd-951aefd63e-MPK7625Q-2.1.x86_64.rpm	MZXLR1T6HBJR-000H3	MPK7625Q (B)	MPK7625Q	
610	Online NVMe SSD Flash	firmware-hdd-	MZXLR3T2HBLS-	MPK7625Q	MPK7625Q	

	Component for Linux (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	951aefd63e-MPK7625Q-2.1.x86_64.rpm	000H3	(B)		
611	Online NVMe SSD Flash Component for Linux (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd-951aefd63e-MPK7625Q-2.1.x86_64.rpm	MZXLR6T4HALA-000H3	MPK7625Q (B)	MPK7625Q	
612	Online NVMe SSD Flash Component for Linux (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd-951aefd63e-MPK7625Q-2.1.x86_64.rpm	MZXLR12THALA-000H3	MPK7625Q (B)	MPK7625Q	
613	Online NVMe SSD Flash Component for Linux (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd-951aefd63e-MPK7625Q-2.1.x86_64.rpm	MZXLR960HBHQ-000H3	MPK7625Q (B)	MPK7625Q	
614	Online NVMe SSD Flash Component for Linux (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd-951aefd63e-MPK7625Q-2.1.x86_64.rpm	MZXLR1T9HBJR-000H3	MPK7625Q (B)	MPK7625Q	
615	Online NVMe SSD Flash Component for Linux (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3,	firmware-hdd-951aefd63e-MPK7625Q-2.1.x86_64.rpm	MZXLR3T8HBLS-000H3	MPK7625Q (B)	MPK7625Q	



	MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv					
616	Online NVMe SSD Flash Component for Linux (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd- 951aefd63e- MPK7625Q- 2.1.x86_64.rpm	MZXLR7T6HALA- 000H3	MPK7625Q (B)	MPK7625Q	
617	Online NVMe SSD Flash Component for Linux (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H3 Driv	firmware-hdd- 951aefd63e- MPK7625Q- 2.1.x86_64.rpm	MZXLR15THALA- 000H3	MPK7625Q (B)	MPK7625Q	
618	Online NVMe SSD Flash Component for VMware ESXi - EO000400KYDKV and EO000800KYDLA Drives	CP053791.zip	EO000400KYDKV	4IASHPK3	4IASHPK3	新規追加
619	Online NVMe SSD Flash Component for VMware ESXi - EO000400KYDKV and EO000800KYDLA Drives	CP053791.zip	EO000800KYDLA	4IASHPK3	4IASHPK3	新規追加
620	Online NVMe SSD Flash Component for VMware ESXi - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	CP055256.zip	ET000750KWJTF	4ICSHPK4 (D)	4ICSHPK4	更新
621	Online NVMe SSD Flash Component for VMware ESXi - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	CP055256.zip	EO000375KWJUC	4ICSHPK4 (D)	4ICSHPK4	更新
622	Online NVMe SSD Flash Component for VMware ESXi - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	CP055256.zip	EO000750KWTXC	4ICSHPK4 (D)	4ICSHPK4	更新
623	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP055570.zip	KCD6XVUL800G	GPK6	GPK6	更新
624	Online NVMe SSD Flash Component for VMware ESXi	CP055570.zip	KCD6XVUL1T60	GPK6	GPK6	更新

	- KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives					
625	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP055570.zip	KCD6XVUL3T20	GPK6	GPK6	更新
626	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP055570.zip	KCD6XVUL6T40	GPK6	GPK6	更新
627	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP055570.zip	KCD6XVUL12T8	GPK6	GPK6	更新
628	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP055570.zip	KCD6XLUL960G	GPK6	GPK6	更新
629	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G,	CP055570.zip	KCD6XLUL1T92	GPK6	GPK6	更新

	KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives					
630	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP055570.zip	KCD6XLUL3T84	GPK6	GPK6	更新
631	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP055570.zip	KCD6XLUL7T68	GPK6	GPK6	更新
632	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP055570.zip	KCD6XLUL15T3	GPK6	GPK6	更新
633	Online NVMe SSD Flash Component for VMware ESXi - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	CP055584.zip	KCM6FRUL1T92	GPK4	GPK4	更新
634	Online NVMe SSD Flash Component for VMware ESXi - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	CP055584.zip	KCM6FRUL3T84	GPK4	GPK4	更新
635	Online NVMe SSD Flash Component for VMware ESXi - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	CP055584.zip	KCM6FVUL1T60	GPK4	GPK4	更新
636	Online NVMe SSD Flash Component for VMware ESXi - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	CP055584.zip	KCM6FVUL3T20	GPK4	GPK4	更新
637	Online NVMe SSD Flash Component for VMware ESXi	CP055583.zip	KCM6XVUL800G	GPK6	GPK6	更新

	- KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives					
638	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP055583.zip	KCM6XVUL1T60	GPK6	GPK6	更新
639	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP055583.zip	KCM6XVUL3T20	GPK6	GPK6	更新
640	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP055583.zip	KCM6XVUL6T40	GPK6	GPK6	更新
641	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP055583.zip	KCM6XRUL960G	GPK6	GPK6	更新
642	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP055583.zip	KCM6XRUL1T92	GPK6	GPK6	更新
643	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92,	CP055583.zip	KCM6XRUL3T84	GPK6	GPK6	更新

	KCM6XRUL3T84 and KCM6XRUL7T68 Drives					
644	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP055583.zip	KCM6XRUL7T68	GPK6	GPK6	更新
645	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP055248.zip	LO0400KEFJQ	HPK4 (G)	HPK4	更新
646	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP055248.zip	LO0800KEFJR	HPK4 (G)	HPK4	更新
647	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP055248.zip	LO1600KEFJT	HPK4 (G)	HPK4	更新
648	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP055248.zip	LO2000KEFJU	HPK4 (G)	HPK4	更新
649	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP055248.zip	LT0800KEXVA	HPK4 (G)	HPK4	更新
650	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP055248.zip	LT1600KEXVB	HPK4 (G)	HPK4	更新
651	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP055248.zip	LT2000KEXVC	HPK4 (G)	HPK4	更新
652	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	CP055251.zip	MK000400KWDU K	HPK4 (I)	HPK4	更新
653	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE,	CP055251.zip	VK000480KWDUE	HPK4 (I)	HPK4	更新

	MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives					
654	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	CP055251.zip	MK000800KWDU L	HPK4 (I)	HPK4	更新
655	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	CP055251.zip	VK000960KWDUF	HPK4 (I)	HPK4	更新
656	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	CP055251.zip	MK001600KWDU N	HPK4 (I)	HPK4	更新
657	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	CP055251.zip	VK001920KWDUH	HPK4 (I)	HPK4	更新
658	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP055241.zip	MK000800KWWF E	HPK3 (E)	HPK3	更新
659	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP055241.zip	MK001600KWWF F	HPK3 (E)	HPK3	更新
660	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP055241.zip	MK003200KWWF H	HPK3 (E)	HPK3	更新

661	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP055241.zip	MK006400KWWFK	HPK3 (E)	HPK3	更新
662	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP055241.zip	VK000960KWWFL	HPK3 (E)	HPK3	更新
663	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP055241.zip	VK001920KWWFN	HPK3 (E)	HPK3	更新
664	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP055241.zip	VK003840KWWFP	HPK3 (E)	HPK3	更新
665	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP055241.zip	VK007680KWWFQ	HPK3 (E)	HPK3	更新
666	Online NVMe SSD Flash Component for VMware ESXi - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	CP055253.zip	MO001600KVVNB	HPK3 (D)	HPK3	更新
667	Online NVMe SSD Flash Component for VMware ESXi - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	CP055253.zip	MO003200KVVNC	HPK3 (D)	HPK3	更新

668	Online NVMe SSD Flash Component for VMware ESXi - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	CP055253.zip	MO006400KVVND	HPK3 (D)	HPK3	更新
669	Online NVMe SSD Flash Component for VMware ESXi - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	CP055253.zip	MT001600KWSTB	HPK3 (D)	HPK3	更新
670	Online NVMe SSD Flash Component for VMware ESXi - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	CP055253.zip	MT003200KWSTC	HPK3 (D)	HPK3	更新
671	Online NVMe SSD Flash Component for VMware ESXi - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	CP055253.zip	MT006400KWSTD	HPK3 (D)	HPK3	更新
672	Online NVMe SSD Flash Component for VMware ESXi - MO001600KWZQP and MO003200KWZQQ Drives	CP055417.zip	MO001600KWZQP	HPK6 (C)	HPK6	更新
673	Online NVMe SSD Flash Component for VMware ESXi - MO001600KWZQP and MO003200KWZQQ Drives	CP055417.zip	MO003200KWZQQ	HPK6 (C)	HPK6	更新
674	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	CP055247.zip	MO0400KEFHN	HPK4 (G)	HPK4	更新
675	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	CP055247.zip	MO0800KEFHP	HPK4 (G)	HPK4	更新
676	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	CP055247.zip	MO1600KEFHQ	HPK4 (G)	HPK4	更新
677	Online NVMe SSD Flash Component for VMware ESXi	CP055247.zip	MO2000KEFHR	HPK4 (G)	HPK4	更新



	- MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives					
678	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	CP055247.zip	MT0800KEXUU	HPK4 (G)	HPK4	更新
679	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	CP055247.zip	MT1600KEXUV	HPK4 (G)	HPK4	更新
680	Online NVMe SSD Flash Component for VMware ESXi - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	CP055245.zip	MT001600KWHAC	HPK2 (C)	HPK2	更新
681	Online NVMe SSD Flash Component for VMware ESXi - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	CP055245.zip	MT003200KWHAD	HPK2 (C)	HPK2	更新
682	Online NVMe SSD Flash Component for VMware ESXi - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	CP055245.zip	MT006400KWHAE	HPK2 (C)	HPK2	更新
683	Online NVMe SSD Flash Component for VMware ESXi - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	CP055420.zip	MZPLJ1T6HBJR-000H3	EPK76H3Q (C)	EPK76H3Q	更新
684	Online NVMe SSD Flash Component for VMware ESXi - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	CP055420.zip	MZPLJ3T2HBJR-000H3	EPK76H3Q (C)	EPK76H3Q	更新
685	Online NVMe SSD Flash Component for VMware ESXi - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	CP055420.zip	MZPLJ6T4HALA-000H3	EPK76H3Q (C)	EPK76H3Q	更新
686	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-000H3 Driv	CP055416.zip	MZXL5800HBHQ-000H3	MPK76H5Q (C)	MPK76H5Q	更新
687	Online NVMe SSD Flash Component for VMware ESXi	CP055416.zip	MZXL51T6HBJR-000H3	MPK76H5Q (C)	MPK76H5Q	更新

	- MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv					
688	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP055416.zip	MZXL53T2HBLS- 000H3	MPK76H5Q (C)	MPK76H5Q	更新
689	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP055416.zip	MZXL56T4HALA- 000H3	MPK76H5Q (C)	MPK76H5Q	更新
690	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP055416.zip	MZXL5960HBHQ- 000H3	MPK76H5Q (C)	MPK76H5Q	更新
691	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP055416.zip	MZXL51T9HBJR- 000H3	MPK76H5Q (C)	MPK76H5Q	更新
692	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3,	CP055416.zip	MZXL53T8HBLS- 000H3	MPK76H5Q (C)	MPK76H5Q	更新

	MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv					
693	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP055416.zip	MZXL57T6HALA- 000H3	MPK76H5Q (C)	MPK76H5Q	更新
694	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP055416.zip	MZXL515THALA- 000H3	MPK76H5Q (C)	MPK76H5Q	更新
695	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv	CP055416.zip	MZXL512THALA- 000H3	MPK76H5Q (C)	MPK76H5Q	更新
696	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP053726.zip	MZXLR800HBHQ- 000H3	MPK7625Q (C)	MPK7625Q	更新
697	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP053726.zip	MZXLR1T6HBJR- 000H3	MPK7625Q (C)	MPK7625Q	更新
698	Online NVMe SSD Flash Component for VMware ESXi	CP053726.zip	MZXLR3T2HBLS- 000H3	MPK7625Q (C)	MPK7625Q	更新

	- MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv					
699	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP053726.zip	MZXLR6T4HALA- 000H3	MPK7625Q (C)	MPK7625Q	更新
700	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP053726.zip	MZXLR12THALA- 000H3	MPK7625Q (C)	MPK7625Q	更新
701	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP053726.zip	MZXLR960HBHQ- 000H3	MPK7625Q (C)	MPK7625Q	更新
702	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP053726.zip	MZXLR1T9HBJR- 000H3	MPK7625Q (C)	MPK7625Q	更新
703	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3,	CP053726.zip	MZXLR3T8HBLS- 000H3	MPK7625Q (C)	MPK7625Q	更新

	MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv					
704	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP053726.zip	MZXLR7T6HALA- 000H3	MPK7625Q (C)	MPK7625Q	更新
705	Online NVMe SSD Flash Component for VMware ESXi - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-000H Driv	CP053726.zip	MZXLR15THALA- 000H3	MPK7625Q (C)	MPK7625Q	更新
706	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP055422.zip	VO000960KWUEA	HPK2 (B)	HPK2	更新
707	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP055422.zip	VO001920KWUEB	HPK2 (B)	HPK2	更新
708	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP055422.zip	VO003840KWUEC	HPK2 (B)	HPK2	更新
709	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC,	CP055422.zip	VO007680KWUED	HPK2 (B)	HPK2	更新

	VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives					
710	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP055422.zip	VO015360KWUEE	HPK2 (B)	HPK2	更新
711	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP055422.zip	MO000800KWUD R	HPK2 (B)	HPK2	更新
712	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP055422.zip	MO001600KWUD T	HPK2 (B)	HPK2	更新
713	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP055422.zip	MO003200KWUD U	HPK2 (B)	HPK2	更新
714	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	CP055422.zip	MO006400KWUD V	HPK2 (B)	HPK2	更新
715	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	CP055423.zip	VO000960KWVBR	HPK2 (B)	HPK2	更新

716	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	CP055423.zip	VO001920KWVBT	HPK2 (B)	HPK2	更新
717	Online NVMe SSD Flash Component for VMware ESXi - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	CP055423.zip	VO003840KWVBU	HPK2 (B)	HPK2	更新
718	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP054048.zip	VO000960KXAVL	HPK5	HPK5	更新
719	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP054048.zip	VO001920KXAVP	HPK5	HPK5	更新
720	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP054048.zip	VO003840KXAVQ	HPK5	HPK5	更新
721	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP054048.zip	VO007680KXAVR	HPK5	HPK5	更新
722	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP054048.zip	MO000800KXAVN	HPK5	HPK5	更新
723	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR,	CP054048.zip	MO001600KXAVT	HPK5	HPK5	更新

	MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives					
724	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP054048.zip	MO003200KXAVU	HPK5	HPK5	更新
725	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP054048.zip	MO006400KXAVV	HPK5	HPK5	更新
726	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	CP055254.zip	VO001000KWJSE	4ICDHPK1 (D)	4ICDHPK1	更新
727	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	CP055254.zip	VO002000KWJSF	4ICDHPK1 (D)	4ICDHPK1	更新
728	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	CP055254.zip	VO004000KWJSH	4ICDHPK1 (D)	4ICDHPK1	更新
729	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	CP055254.zip	VT004000KWJSU	4ICDHPK1 (D)	4ICDHPK1	更新
730	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	CP055254.zip	MO001600KWJSN	4ICDHPK1 (D)	4ICDHPK1	更新
731	Online NVMe SSD Flash Component for VMware ESXi	CP055254.zip	MO003200KWJSQ	4ICDHPK1 (D)	4ICDHPK1	更新



	- VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives					
732	Online NVMe SSD Flash Component for VMware ESXi - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	CP055255.zip	VO001920KWVMT	HPK3 (D)	HPK3	更新
733	Online NVMe SSD Flash Component for VMware ESXi - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	CP055255.zip	VO003840KWVMU	HPK3 (D)	HPK3	更新
734	Online NVMe SSD Flash Component for VMware ESXi - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	CP055255.zip	VO007680KWVMV	HPK3 (D)	HPK3	更新
735	Online NVMe SSD Flash Component for VMware ESXi - VO001920KWZQR and VO003840KWZQT Drives	CP055410.zip	VO001920KWZQR	HPK6 (C)	HPK6	更新
736	Online NVMe SSD Flash Component for VMware ESXi - VO001920KWZQR and VO003840KWZQT Drives	CP055410.zip	VO003840KWZQT	HPK6 (C)	HPK6	更新
737	Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	CP054552.zip	VO001920KYDMT	HPK2	HPK2	新規追加
738	Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	CP054552.zip	VO003840KYDMV	HPK2	HPK2	新規追加
739	Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	CP054552.zip	MO001600KYDMU	HPK2	HPK2	新規追加
740	Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	CP054552.zip	MO003200KYDNC	HPK2	HPK2	新規追加
741	Online NVMe SSD Flash	CP054552.zip	MO006400KYDND	HPK2	HPK2	新規追加

	Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives					
742	Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	CP054552.zip	VO007680KYDNA	HPK2	HPK2	新規追加
743	Online NVMe SSD Flash Component for VMware ESXi - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	CP054552.zip	VO015360KYDNB	HPK2	HPK2	新規追加
744	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP055243.zip	VO002000KWVVC	4ICRHPK3 (D)	4ICRHPK3	更新
745	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP055243.zip	VO004000KWVUR	4ICRHPK3 (D)	4ICRHPK3	更新
746	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP055243.zip	MO001600KWVU U	4ICRHPK3 (D)	4ICRHPK3	更新
747	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP055243.zip	MO003200KWVU V	4ICRHPK3 (D)	4ICRHPK3	更新
748	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP055243.zip	MO006400KWVV A	4ICRHPK3 (D)	4ICRHPK3	更新
749	Online NVMe SSD Flash Component for VMware ESXi - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	CP055249.zip	VO0400KEFJB	HPK4 (G)	HPK4	更新
750	Online NVMe SSD Flash	CP055249.zip	VO1200KEFJC	HPK4 (G)	HPK4	更新

	Component for VMware ESXi - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives					
751	Online NVMe SSD Flash Component for VMware ESXi - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	CP055249.zip	VO2000KEFJD	HPK4 (G)	HPK4	更新
752	Online NVMe SSD Flash Component for VMware ESXi - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	CP055252.zip	VS000480KWDUP	HPK4 (G)	HPK4	更新
753	Online NVMe SSD Flash Component for VMware ESXi - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	CP055252.zip	VS000960KWDUQ	HPK4 (G)	HPK4	更新
754	Online NVMe SSD Flash Component for VMware ESXi - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	CP055252.zip	MS000400KWDUR	HPK4 (G)	HPK4	更新
755	Online NVMe SSD Flash Component for VMware ESXi - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	CP055252.zip	MS000800KWDUT	HPK4 (G)	HPK4	更新
756	Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWAFP and VS003840KWAFXQ Drives	CP055413.zip	VS003840KWAFXQ	85032G00 (B)	85032G00	更新
757	Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWAFP and VS003840KWAFXQ Drives	CP055413.zip	VS001920KWAFP	85032G00 (B)	85032G00	更新
758	Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWAFP and VS003840KWAFXQ Drives	CP055413.zip	VS000960KWXFN	85032G00 (B)	85032G00	更新
759	Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWAFP and VS003840KWAFXQ Drives	CP055413.zip	VS000480KXALB	85032G00 (B)	85032G00	更新
760	Online NVMe SSD Flash Component for Windows (x64) - EO000400KYDKV and EO000800KYDLA Drives	cp055210.exe	EO000400KYDKV	4IASHPK3 (B)	4IASHPK3	新規追加
761	Online NVMe SSD Flash Component for Windows (x64) - EO000400KYDKV and EO000800KYDLA Drives	cp055210.exe	EO000800KYDLA	4IASHPK3 (B)	4IASHPK3	新規追加
762	Online NVMe SSD Flash Component for Windows (x64) - ET000750KWJTF,	cp052924.exe	ET000750KWJTF	4ICSHPK4 (D)	4ICSHPK4	更新

	EO000750KWTXC and EO000375KWJUC Drives					
763	Online NVMe SSD Flash Component for Windows (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	cp052924.exe	EO000375KWJUC	4ICSHPK4 (D)	4ICSHPK4	更新
764	Online NVMe SSD Flash Component for Windows (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	cp052924.exe	EO000750KWTXC	4ICSHPK4 (D)	4ICSHPK4	更新
765	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp055600.exe	KCD6XVUL800G	GPK6	GPK6	更新
766	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp055600.exe	KCD6XVUL1T60	GPK6	GPK6	更新
767	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp055600.exe	KCD6XVUL3T20	GPK6	GPK6	更新
768	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp055600.exe	KCD6XVUL6T40	GPK6	GPK6	更新
769	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40,	cp055600.exe	KCD6XVUL12T8	GPK6	GPK6	更新

	KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives					
770	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp055600.exe	KCD6XLUL960G	GPK6	GPK6	更新
771	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp055600.exe	KCD6XLUL1T92	GPK6	GPK6	更新
772	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp055600.exe	KCD6XLUL3T84	GPK6	GPK6	更新
773	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp055600.exe	KCD6XLUL7T68	GPK6	GPK6	更新
774	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp055600.exe	KCD6XLUL15T3	GPK6	GPK6	更新

775	Online NVMe SSD Flash Component for Windows (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	cp055616.exe	KCM6FRUL1T92	GPK4	GPK4	更新
776	Online NVMe SSD Flash Component for Windows (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	cp055616.exe	KCM6FRUL3T84	GPK4	GPK4	更新
777	Online NVMe SSD Flash Component for Windows (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	cp055616.exe	KCM6FVUL1T60	GPK4	GPK4	更新
778	Online NVMe SSD Flash Component for Windows (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives	cp055616.exe	KCM6FVUL3T20	GPK4	GPK4	更新
779	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp055614.exe	KCM6XVUL800G	GPK6	GPK6	更新
780	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp055614.exe	KCM6XVUL1T60	GPK6	GPK6	更新
781	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp055614.exe	KCM6XVUL3T20	GPK6	GPK6	更新
782	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp055614.exe	KCM6XVUL6T40	GPK6	GPK6	更新
783	Online NVMe SSD Flash Component for Windows	cp055614.exe	KCM6XRUL960G	GPK6	GPK6	更新

	(x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives					
784	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp055614.exe	KCM6XRUL1T92	GPK6	GPK6	更新
785	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp055614.exe	KCM6XRUL3T84	GPK6	GPK6	更新
786	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp055614.exe	KCM6XRUL7T68	GPK6	GPK6	更新
787	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp054891.exe	LO0400KEFJQ	HPK4 (F)	HPK4	更新
788	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp054891.exe	LO0800KEFJR	HPK4 (F)	HPK4	更新
789	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp054891.exe	LO1600KEFJT	HPK4 (F)	HPK4	更新
790	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp054891.exe	LO2000KEFJU	HPK4 (F)	HPK4	更新

791	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp054891.exe	LT0800KEXVA	HPK4 (F)	HPK4	更新
792	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp054891.exe	LT1600KEXVB	HPK4 (F)	HPK4	更新
793	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp054891.exe	LT2000KEXVC	HPK4 (F)	HPK4	更新
794	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	cp054894.exe	VK001920KWDUH	HPK4 (F)	HPK4	更新
795	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	cp054894.exe	MK001600KWDUN	HPK4 (F)	HPK4	更新
796	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	cp054894.exe	VK000960KWDUF	HPK4 (F)	HPK4	更新
797	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	cp054894.exe	MK000800KWDUL	HPK4 (F)	HPK4	更新
798	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	cp054894.exe	VK000480KWDUE	HPK4 (F)	HPK4	更新
799	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL,	cp054894.exe	MK000400KWDUK	HPK4 (F)	HPK4	更新



	VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives					
800	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp052108.exe	MK000800KWWF E	HPK3 (D)	HPK3	
801	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp052108.exe	MK001600KWWF F	HPK3 (D)	HPK3	
802	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp052108.exe	MK003200KWWF H	HPK3 (D)	HPK3	
803	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp052108.exe	MK006400KWWF K	HPK3 (D)	HPK3	
804	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp052108.exe	VK000960KWWFL	HPK3 (D)	HPK3	
805	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp052108.exe	VK001920KWWF N	HPK3 (D)	HPK3	
806	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE,	cp052108.exe	VK003840KWWFP	HPK3 (D)	HPK3	

	MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives					
807	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp052108.exe	VK007680KWWF Q	HPK3 (D)	HPK3	
808	Online NVMe SSD Flash Component for Windows (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	cp055091.exe	MO001600KVVN B	HPK3 (D)	HPK3	更新
809	Online NVMe SSD Flash Component for Windows (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	cp055091.exe	MO003200KVVN C	HPK3 (D)	HPK3	更新
810	Online NVMe SSD Flash Component for Windows (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	cp055091.exe	MO006400KVVN D	HPK3 (D)	HPK3	更新
811	Online NVMe SSD Flash Component for Windows (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	cp055091.exe	MT001600KWSTB	HPK3 (D)	HPK3	更新
812	Online NVMe SSD Flash Component for Windows (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	cp055091.exe	MT003200KWSTC	HPK3 (D)	HPK3	更新
813	Online NVMe SSD Flash Component for Windows (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	cp055091.exe	MT006400KWSTD	HPK3 (D)	HPK3	更新
814	Online NVMe SSD Flash	cp053101.exe	MO001600KWZQ	HPK6 (B)	HPK6	

	Component for Windows (x64) - MO001600KWZQP and MO003200KWZQQ Drives		P			
815	Online NVMe SSD Flash Component for Windows (x64) - MO001600KWZQP and MO003200KWZQQ Drives	cp053101.exe	MO003200KWZQ Q	HPK6 (B)	HPK6	
816	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	cp055088.exe	MO0400KEFHN	HPK4 (F)	HPK4	更新
817	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	cp055088.exe	MO0800KEFHP	HPK4 (F)	HPK4	更新
818	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	cp055088.exe	MO1600KEFHQ	HPK4 (F)	HPK4	更新
819	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	cp055088.exe	MO2000KEFHR	HPK4 (F)	HPK4	更新
820	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	cp055088.exe	MT0800KEXUU	HPK4 (F)	HPK4	更新
821	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	cp055088.exe	MT1600KEXUV	HPK4 (F)	HPK4	更新
822	Online NVMe SSD Flash Component for Windows (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	cp053105.exe	MT001600KWHAC	HPK2 (B)	HPK2	
823	Online NVMe SSD Flash Component for Windows (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	cp053105.exe	MT003200KWHAD	HPK2 (B)	HPK2	
824	Online NVMe SSD Flash	cp053105.exe	MT006400KWHAE	HPK2 (B)	HPK2	

	Component for Windows (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives		E			
825	Online NVMe SSD Flash Component for Windows (x64) - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	cp052105.exe	MZPLJ1T6HBJR-000H3	EPK76H3Q (B)	EPK76H3Q	
826	Online NVMe SSD Flash Component for Windows (x64) - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	cp052105.exe	MZPLJ3T2HBJR-000H3	EPK76H3Q (B)	EPK76H3Q	
827	Online NVMe SSD Flash Component for Windows (x64) - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	cp052105.exe	MZPLJ6T4HALA-000H3	EPK76H3Q (B)	EPK76H3Q	
828	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp052109.exe	MZXL5800HBHQ-000H3	MPK76H5Q (B)	MPK76H5Q	
829	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp052109.exe	MZXL51T6HBJR-000H3	MPK76H5Q (B)	MPK76H5Q	
830	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp052109.exe	MZXL53T2HBLS-000H3	MPK76H5Q (B)	MPK76H5Q	
831	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-	cp052109.exe	MZXL56T4HALA-000H3	MPK76H5Q (B)	MPK76H5Q	

	000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive					
832	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp052109.exe	MZXL512THALA-000H3	MPK76H5Q (B)	MPK76H5Q	
833	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp052109.exe	MZXL5960HBHQ-000H3	MPK76H5Q (B)	MPK76H5Q	
834	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp052109.exe	MZXL51T9HBJR-000H3	MPK76H5Q (B)	MPK76H5Q	
835	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp052109.exe	MZXL53T8HBLS-000H3	MPK76H5Q (B)	MPK76H5Q	
836	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-	cp052109.exe	MZXL57T6HALA-000H3	MPK76H5Q (B)	MPK76H5Q	

	000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive					
837	Online NVMe SSD Flash Component for Windows (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-0 Drive	cp052109.exe	MZXL515THALA-000H3	MPK76H5Q (B)	MPK76H5Q	
838	Online NVMe SSD Flash Component for Windows (x64) - MZXR800HBHQ-000H3, MZXR1T6HBJR-000H3, MZXR3T2HBLS-000H3, MZXR6T4HALA-000H3, MZXR12THALA-000H3, MZXR960HBHQ-000H3, MZXR1T9HBJR-000H3, MZXR3T8HBLS-000H3, MZXR7T6HALA-000H3 and MZXR15THALA-0 Drive	cp053100.exe	MZXR800HBHQ-000H3	MPK7625Q (B)	MPK7625Q	
839	Online NVMe SSD Flash Component for Windows (x64) - MZXR800HBHQ-000H3, MZXR1T6HBJR-000H3, MZXR3T2HBLS-000H3, MZXR6T4HALA-000H3, MZXR12THALA-000H3, MZXR960HBHQ-000H3, MZXR1T9HBJR-000H3, MZXR3T8HBLS-000H3, MZXR7T6HALA-000H3 and MZXR15THALA-0 Drive	cp053100.exe	MZXR1T6HBJR-000H3	MPK7625Q (B)	MPK7625Q	
840	Online NVMe SSD Flash Component for Windows (x64) - MZXR800HBHQ-000H3, MZXR1T6HBJR-000H3, MZXR3T2HBLS-000H3, MZXR6T4HALA-000H3, MZXR12THALA-000H3, MZXR960HBHQ-000H3, MZXR1T9HBJR-000H3, MZXR3T8HBLS-000H3, MZXR7T6HALA-000H3 and MZXR15THALA-0 Drive	cp053100.exe	MZXR3T2HBLS-000H3	MPK7625Q (B)	MPK7625Q	
841	Online NVMe SSD Flash Component for Windows (x64) - MZXR800HBHQ-000H3, MZXR1T6HBJR-000H3, MZXR3T2HBLS-000H3, MZXR6T4HALA-000H3, MZXR12THALA-000H3, MZXR960HBHQ-000H3, MZXR1T9HBJR-000H3, MZXR3T8HBLS-	cp053100.exe	MZXR6T4HALA-000H3	MPK7625Q (B)	MPK7625Q	

	000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive					
842	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp053100.exe	MZXLR12THALA-000H3	MPK7625Q (B)	MPK7625Q	
843	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp053100.exe	MZXLR960HBHQ-000H3	MPK7625Q (B)	MPK7625Q	
844	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp053100.exe	MZXLR1T9HBJR-000H3	MPK7625Q (B)	MPK7625Q	
845	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp053100.exe	MZXLR3T8HBLS-000H3	MPK7625Q (B)	MPK7625Q	
846	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBLS-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBLS-000H3, MZXLR7T6HALA-	cp053100.exe	MZXLR7T6HALA-000H3	MPK7625Q (B)	MPK7625Q	

	000H3 and MZXLR15THALA-0 Drive					
847	Online NVMe SSD Flash Component for Windows (x64) - MZXLR800HBHQ-000H3, MZXLR1T6HBJR-000H3, MZXLR3T2HBL5-000H3, MZXLR6T4HALA-000H3, MZXLR12THALA-000H3, MZXLR960HBHQ-000H3, MZXLR1T9HBJR-000H3, MZXLR3T8HBL5-000H3, MZXLR7T6HALA-000H3 and MZXLR15THALA-0 Drive	cp053100.exe	MZXLR15THALA-000H3	MPK7625Q (B)	MPK7625Q	
848	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp053357.exe	VO000960KWUEA	HPK2	HPK2	
849	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp053357.exe	VO001920KWUEB	HPK2	HPK2	
850	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp053357.exe	VO003840KWUEC	HPK2	HPK2	
851	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp053357.exe	VO007680KWUED	HPK2	HPK2	
852	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE,	cp053357.exe	VO015360KWUEE	HPK2	HPK2	



	MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives					
853	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp053357.exe	MO000800KWUD R	HPK2	HPK2	
854	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp053357.exe	MO001600KWUD T	HPK2	HPK2	
855	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp053357.exe	MO003200KWUD U	HPK2	HPK2	
856	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives	cp053357.exe	MO006400KWUD V	HPK2	HPK2	
857	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	cp053354.exe	VO000960KWVBR	HPK2	HPK2	
858	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	cp053354.exe	VO001920KWVBT	HPK2	HPK2	
859	Online NVMe SSD Flash Component for Windows (x64) - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives	cp053354.exe	VO003840KWVBU	HPK2	HPK2	
860	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL,	cp055204.exe	VO000960KXAVL	HPK5 (B)	HPK5	更新

	VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives					
861	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp055204.exe	VO001920KXAVP	HPK5 (B)	HPK5	更新
862	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp055204.exe	VO003840KXAVQ	HPK5 (B)	HPK5	更新
863	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp055204.exe	VO007680KXAVR	HPK5 (B)	HPK5	更新
864	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp055204.exe	MO000800KXAVN	HPK5 (B)	HPK5	更新
865	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp055204.exe	MO001600KXAVT	HPK5 (B)	HPK5	更新
866	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp055204.exe	MO003200KXAVU	HPK5 (B)	HPK5	更新

	MO006400KXAVV Drives					
867	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp055204.exe	MO006400KXAVV	HPK5 (B)	HPK5	更新
868	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp052106.exe	VO001000KWJSE	4ICDHPK1 (C)	4ICDHPK1	
869	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp052106.exe	VO002000KWJSF	4ICDHPK1 (C)	4ICDHPK1	
870	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp052106.exe	VO004000KWJSH	4ICDHPK1 (C)	4ICDHPK1	
871	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp052106.exe	VT004000KWJSU	4ICDHPK1 (C)	4ICDHPK1	
872	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp052106.exe	MO001600KWJSN	4ICDHPK1 (C)	4ICDHPK1	
873	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp052106.exe	MO003200KWJSQ	4ICDHPK1 (C)	4ICDHPK1	
874	Online NVMe SSD Flash Component for Windows (x64) - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	cp055092.exe	VO001920KWVMT	HPK3 (D)	HPK3	更新
875	Online NVMe SSD Flash Component for Windows	cp055092.exe	VO003840KWVMU	HPK3 (D)	HPK3	更新

	(x64) - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives					
876	Online NVMe SSD Flash Component for Windows (x64) - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	cp055092.exe	VO007680KWVMV	HPK3 (D)	HPK3	更新
877	Online NVMe SSD Flash Component for Windows (x64) - VO001920KWZQR and VO003840KWZQT Drives	cp053102.exe	VO001920KWZQR	HPK6 (B)	HPK6	
878	Online NVMe SSD Flash Component for Windows (x64) - VO001920KWZQR and VO003840KWZQT Drives	cp053102.exe	VO003840KWZQT	HPK6 (B)	HPK6	
879	Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	cp055213.exe	VO001920KYDMT	HPK2 (B)	HPK2	新規追加
880	Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	cp055213.exe	VO003840KYDMV	HPK2 (B)	HPK2	新規追加
881	Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	cp055213.exe	MO001600KYDMU	HPK2 (B)	HPK2	新規追加
882	Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	cp055213.exe	MO003200KYDNC	HPK2 (B)	HPK2	新規追加
883	Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	cp055213.exe	MO006400KYDND	HPK2 (B)	HPK2	新規追加
884	Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU,	cp055213.exe	VO007680KYDNA	HPK2 (B)	HPK2	新規追加

	MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives					
885	Online NVMe SSD Flash Component for Windows (x64) - VO001920KYDMT, VO003840KYDMV, MO001600KYDMU, MO003200KYDNC, MO006400KYDND, VO007680KYDNA and VO015360KYDNB Drives	cp055213.exe	VO015360KYDNB	HPK2 (B)	HPK2	新規追加
886	Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	cp052731.exe	VO002000KWVVC	4ICRHPK3 (C)	4ICRHPK3	
887	Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	cp052731.exe	VO004000KWVUR	4ICRHPK3 (C)	4ICRHPK3	
888	Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	cp052731.exe	MO001600KWVU U	4ICRHPK3 (C)	4ICRHPK3	
889	Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	cp052731.exe	MO003200KWVU V	4ICRHPK3 (C)	4ICRHPK3	
890	Online NVMe SSD Flash Component for Windows (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	cp052731.exe	MO006400KWVV A	4ICRHPK3 (C)	4ICRHPK3	
891	Online NVMe SSD Flash Component for Windows (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	cp055089.exe	VO0400KEFJB	HPK4 (F)	HPK4	更新
892	Online NVMe SSD Flash Component for Windows (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	cp055089.exe	VO1200KEFJC	HPK4 (F)	HPK4	更新
893	Online NVMe SSD Flash Component for Windows (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	cp055089.exe	VO2000KEFJD	HPK4 (F)	HPK4	更新
894	Online NVMe SSD Flash Component for Windows (x64) - VS000480KWDUP,	cp055090.exe	VS000480KWDUP	HPK4 (F)	HPK4	更新

	VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives					
895	Online NVMe SSD Flash Component for Windows (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	cp055090.exe	VS000960KWDUQ	HPK4 (F)	HPK4	更新
896	Online NVMe SSD Flash Component for Windows (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	cp055090.exe	MS000400KWDU R	HPK4 (F)	HPK4	更新
897	Online NVMe SSD Flash Component for Windows (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	cp055090.exe	MS000800KWDU T	HPK4 (F)	HPK4	更新
898	Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN drives	cp055207.exe	VS000480KXALB	85032G00 (C)	85032G00	更新
899	Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN drives	cp055207.exe	VS000960KWXFN	85032G00 (C)	85032G00	更新
900	Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN drives	cp055207.exe	VS001920KWXFP	85032G00 (C)	85032G00	更新
901	Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN drives	cp055207.exe	VS003840KWXFQ	85032G00 (C)	85032G00	更新

### 6.2.13 Firmware - Power Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
902	Online Flash for Windows x64 - Innovation Engine Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors	cp053969.exe	Innovation Engine (IE) Firmware	0.2.3.0 (B)	0.2.3.0	
903	Online ROM Flash for Linux - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors	firmware-powerpic-1.0.8-2.1.x86_64.rpm	Gen10 Plus Power Management Controller Firmware	1.0.8 (B)	1.0.8	
904	Online ROM Flash for Windows x64 - Advanced	cp053975.exe	Gen10 Plus Power Management	1.0.8 (B)	1.0.8	

	Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors		Controller Firmware			
905	Online ROM Flash for Windows x64 - Innovation Engine Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	cp053858.exe	Innovation Engine (IE) Firmware	1.0.0.22 (B)	1.0.0.22	
906	ROM Flash Firmware Package - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors	PICFW-1.0.8-1.fwpkg	Gen10 Plus Power Management Controller Firmware	1.0.8 (B)	1.0.8	

#### 6.2.14 Firmware - SAS Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
907	Online HDD/SSD Flash Component for Linux (x64) - EG000300JWBHR Drive	firmware-hdd-2e4c61fc63-HPD5-5.1.x86_64.rpm	EG000300JWBHR	HPD5 (E)	HPD5	更新
908	Online HDD/SSD Flash Component for Linux (x64) - EG000300JWFVB Drive	firmware-hdd-c5cd837c29-HPD3-5.1.x86_64.rpm	EG000300JWFVB	HPD3 (E)	HPD3	更新
909	Online HDD/SSD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	firmware-hdd-24fe569b72-HPD5-4.1.x86_64.rpm	EG000300JWSJP	HPD5 (D)	HPD5	更新
910	Online HDD/SSD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	firmware-hdd-24fe569b72-HPD5-4.1.x86_64.rpm	EG000600JWJNH	HPD5 (D)	HPD5	更新
911	Online HDD/SSD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	firmware-hdd-24fe569b72-HPD5-4.1.x86_64.rpm	EG001200JWJNK	HPD5 (D)	HPD5	更新
912	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWEBH and EG000300JWEBF Drives	firmware-hdd-aa9e289524-HPD5-6.1.x86_64.rpm	EG000600JWEBH	HPD5 (F)	HPD5	更新
913	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWEBH and EG000300JWEBF Drives	firmware-hdd-aa9e289524-HPD5-6.1.x86_64.rpm	EG000300JWEBF	HPD5 (F)	HPD5	更新
914	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWFUV and EG001200JWFVA Drives	firmware-hdd-f0c91d2fe3-HPD4-5.1.x86_64.rpm	EG000600JWFUV	HPD4 (E)	HPD4	更新
915	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWFUV and EG001200JWFVA Drives	firmware-hdd-f0c91d2fe3-HPD4-5.1.x86_64.rpm	EG001200JWFVA	HPD4 (E)	HPD4	更新
916	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV,	firmware-hdd-bdfb8e99d9-HPD8-1.1.x86_64.rpm	EG000600JWJNP	HPD8	HPD8	更新

	EG001200JXLWA and EG001200MXJQU Drives					
917	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	firmware-hdd-bdfb8e99d9-HPD8-1.1.x86_64.rpm	EG001200JWJNQ	HPD8	HPD8	更新
918	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	firmware-hdd-bdfb8e99d9-HPD8-1.1.x86_64.rpm	EG001200MXJQU	HPD8	HPD8	更新
919	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	firmware-hdd-bdfb8e99d9-HPD8-1.1.x86_64.rpm	EG000600JXLVV	HPD8	HPD8	更新
920	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	firmware-hdd-bdfb8e99d9-HPD8-1.1.x86_64.rpm	EG001200JXLWA	HPD8	HPD8	更新
921	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWFVC Drive	firmware-hdd-693b9a2853-HPD4-5.1.x86_64.rpm	EG001800JWFVC	HPD4 (E)	HPD4	更新
922	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNL and EG002400JWJNN Drives	firmware-hdd-852266afdf-HPD5-4.1.x86_64.rpm	EG001800JWJNL	HPD5 (D)	HPD5	更新
923	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNL and EG002400JWJNN Drives	firmware-hdd-852266afdf-HPD5-4.1.x86_64.rpm	EG002400JWJNN	HPD5 (D)	HPD5	更新
924	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	firmware-hdd-b1c9eaf74c-HPDA-2.1.x86_64.rpm	EG001800JWJNR	HPDA (B)	HPDA	更新
925	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	firmware-hdd-b1c9eaf74c-HPDA-2.1.x86_64.rpm	EG002400JWJNT	HPDA (B)	HPDA	更新
926	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	firmware-hdd-b1c9eaf74c-HPDA-2.1.x86_64.rpm	EG002400MXJQT	HPDA (B)	HPDA	更新
927	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT,	firmware-hdd-b1c9eaf74c-HPDA-2.1.x86_64.rpm	EG001800JXLWB	HPDA (B)	HPDA	更新



	EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives					
928	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	firmware-hdd- b1c9eaf74c-HPDA- 2.1.x86_64.rpm	EG002400JXLWC	HPDA (B)	HPDA	更新
929	Online HDD/SSD Flash Component for Linux (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSP and EG0900FCSPN Drives	firmware-hdd- 7c1a1734f9-HPD2- 11.1.x86_64.rpm	EG0300FCSPH	HPD2 (K)	HPD2	更新
930	Online HDD/SSD Flash Component for Linux (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSP and EG0900FCSPN Drives	firmware-hdd- 7c1a1734f9-HPD2- 11.1.x86_64.rpm	EG0450FCSPK	HPD2 (K)	HPD2	更新
931	Online HDD/SSD Flash Component for Linux (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSP and EG0900FCSPN Drives	firmware-hdd- 7c1a1734f9-HPD2- 11.1.x86_64.rpm	EG0600FCSP	HPD2 (K)	HPD2	更新
932	Online HDD/SSD Flash Component for Linux (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSP and EG0900FCSPN Drives	firmware-hdd- 7c1a1734f9-HPD2- 11.1.x86_64.rpm	EG0900FCSPN	HPD2 (K)	HPD2	更新
933	Online HDD/SSD Flash Component for Linux (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	firmware-hdd- 31f91b8622-HPD5- 12.1.x86_64.rpm	EG0300JEHLV	HPD5 (L)	HPD5	更新
934	Online HDD/SSD Flash Component for Linux (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	firmware-hdd- 31f91b8622-HPD5- 12.1.x86_64.rpm	EG0600JEHMA	HPD5 (L)	HPD5	更新
935	Online HDD/SSD Flash Component for Linux (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	firmware-hdd- 31f91b8622-HPD5- 12.1.x86_64.rpm	EG0900JEHMB	HPD5 (L)	HPD5	更新
936	Online HDD/SSD Flash Component for Linux (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	firmware-hdd- 31f91b8622-HPD5- 12.1.x86_64.rpm	EG1200JEHMC	HPD5 (L)	HPD5	更新
937	Online HDD/SSD Flash Component for Linux (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	firmware-hdd- ac3fda26eb-HPD6- 12.1.x86_64.rpm	EG0600JEMCV	HPD6 (L)	HPD6	更新
938	Online HDD/SSD Flash Component for Linux (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	firmware-hdd- ac3fda26eb-HPD6- 12.1.x86_64.rpm	EG1200JEMDA	HPD6 (L)	HPD6	更新
939	Online HDD/SSD Flash Component for Linux (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	firmware-hdd- ac3fda26eb-HPD6- 12.1.x86_64.rpm	EG0300JFCKA	HPD6 (L)	HPD6	更新
940	Online HDD/SSD Flash	firmware-hdd-	EG0900JFCKB	HPD6 (L)	HPD6	更新

	Component for Linux (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	ac3fda26eb-HPD6-12.1.x86_64.rpm				
941	Online HDD/SSD Flash Component for Linux (x64) - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	firmware-hdd-7505dfb5ae-HPD8-5.1.x86_64.rpm	EG0600JETKA	HPD8 (E)	HPD8	更新
942	Online HDD/SSD Flash Component for Linux (x64) - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	firmware-hdd-7505dfb5ae-HPD8-5.1.x86_64.rpm	EG0900JETKB	HPD8 (E)	HPD8	更新
943	Online HDD/SSD Flash Component for Linux (x64) - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	firmware-hdd-7505dfb5ae-HPD8-5.1.x86_64.rpm	EG1200JETKC	HPD8 (E)	HPD8	更新
944	Online HDD/SSD Flash Component for Linux (x64) - EG1800JEHMD Drive	firmware-hdd-8a2c06af48-HPD6-12.1.x86_64.rpm	EG1800JEHMD	HPD6 (L)	HPD6	更新
945	Online HDD/SSD Flash Component for Linux (x64) - EG1800JEMDB Drive	firmware-hdd-0a38b25661-HPD5-11.1.x86_64.rpm	EG1800JEMDB	HPD5 (K)	HPD5	更新
946	Online HDD/SSD Flash Component for Linux (x64) - EG1800JFHMH Drive	firmware-hdd-7fc5497116-HPD8-5.1.x86_64.rpm	EG1800JFHMH	HPD8 (E)	HPD8	更新
947	Online HDD/SSD Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	firmware-hdd-3d97759111-HPD9-1.1.x86_64.rpm	EH000900JWCPN	HPD9	HPD9	更新
948	Online HDD/SSD Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	firmware-hdd-3d97759111-HPD9-1.1.x86_64.rpm	EH000600JWCPL	HPD9	HPD9	更新
949	Online HDD/SSD Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	firmware-hdd-3d97759111-HPD9-1.1.x86_64.rpm	EH000300JWCPK	HPD9	HPD9	更新
950	Online HDD/SSD Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	firmware-hdd-3d97759111-HPD9-1.1.x86_64.rpm	EH000900JXLVU	HPD9	HPD9	更新
951	Online HDD/SSD Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	firmware-hdd-3d97759111-HPD9-1.1.x86_64.rpm	EH000300JXLVR	HPD9	HPD9	更新
952	Online HDD/SSD Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	firmware-hdd-3d97759111-HPD9-1.1.x86_64.rpm	EH000600JXLVT	HPD9	HPD9	更新
953	Online HDD/SSD Flash Component for Linux (x64) - EH000600JWCPF and EH000900JWCPH Drives	firmware-hdd-a05f29cef3-HPDB-2.1.x86_64.rpm	EH000900JWCPH	HPDB (B)	HPDB	更新
954	Online HDD/SSD Flash Component for Linux (x64) - EH000600JWCPF and EH000900JWCPH Drives	firmware-hdd-a05f29cef3-HPDB-2.1.x86_64.rpm	EH000600JWCPF	HPDB (B)	HPDB	更新
955	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPK and	firmware-hdd-c7df7ceedb-HPD8-2.1.x86_64.rpm	EH000900JWHPK	HPD8 (B)	HPD8	更新

	EH000600JWHPH Drives					
956	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPK and EH000600JWHPH Drives	firmware-hdd-c7df7ceedb-HPD8-2.1.x86_64.rpm	EH000600JWHPH	HPD8 (B)	HPD8	更新
957	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	firmware-hdd-8d68452816-HPD8-2.1.x86_64.rpm	EH000900JWHPP	HPD8 (B)	HPD8	更新
958	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	firmware-hdd-8d68452816-HPD8-2.1.x86_64.rpm	EH000600JWHPN	HPD8 (B)	HPD8	更新
959	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	firmware-hdd-8d68452816-HPD8-2.1.x86_64.rpm	EH000300JWHPL	HPD8 (B)	HPD8	更新
960	Online HDD/SSD Flash Component for Linux (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	firmware-hdd-1cbab97ff0-HPD5-11.1.x86_64.rpm	EH0300JDXBA	HPD5 (K)	HPD5	更新
961	Online HDD/SSD Flash Component for Linux (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	firmware-hdd-1cbab97ff0-HPD5-11.1.x86_64.rpm	EH0450JDXBB	HPD5 (K)	HPD5	更新
962	Online HDD/SSD Flash Component for Linux (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	firmware-hdd-1cbab97ff0-HPD5-11.1.x86_64.rpm	EH0600JDXBC	HPD5 (K)	HPD5	更新
963	Online HDD/SSD Flash Component for Linux (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	firmware-hdd-b9340d29be-HPD6-12.1.x86_64.rpm	EH0300JDYTH	HPD6 (L)	HPD6	更新
964	Online HDD/SSD Flash Component for Linux (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	firmware-hdd-b9340d29be-HPD6-12.1.x86_64.rpm	EH0450JDYTK	HPD6 (L)	HPD6	更新
965	Online HDD/SSD Flash Component for Linux (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	firmware-hdd-b9340d29be-HPD6-12.1.x86_64.rpm	EH0600JDYTL	HPD6 (L)	HPD6	更新
966	Online HDD/SSD Flash Component for Linux (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	firmware-hdd-8c4a212ff9-HPD4-12.1.x86_64.rpm	EH0300JEDHC	HPD4 (L)	HPD4	更新
967	Online HDD/SSD Flash Component for Linux (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	firmware-hdd-8c4a212ff9-HPD4-12.1.x86_64.rpm	EH0450JEDHD	HPD4 (L)	HPD4	更新
968	Online HDD/SSD Flash Component for Linux (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	firmware-hdd-8c4a212ff9-HPD4-12.1.x86_64.rpm	EH0600JEDHE	HPD4 (L)	HPD4	更新
969	Online HDD/SSD Flash Component for Linux (x64) - EH0600JDYTN Drive	firmware-hdd-f3faa195ff-HPD7-10.1.x86_64.rpm	EH0600JDYTN	HPD7 (J)	HPD7	
970	Online HDD/SSD Flash Component for Linux (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	firmware-hdd-481c8ea9a7-HPD7-6.1.x86_64.rpm	EK0800JVYPN	HPD7 (F)	HPD7	
971	Online HDD/SSD Flash Component for Linux (x64) -	firmware-hdd-481c8ea9a7-HPD7-	EO1600JVYPP	HPD7 (F)	HPD7	

	EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	6.1.x86_64.rpm				
972	Online HDD/SSD Flash Component for Linux (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	firmware-hdd-481c8ea9a7-HPD7-6.1.x86_64.rpm	MK0800JVYPQ	HPD7 (F)	HPD7	
973	Online HDD/SSD Flash Component for Linux (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	firmware-hdd-481c8ea9a7-HPD7-6.1.x86_64.rpm	MO1600JVYPR	HPD7 (F)	HPD7	
974	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-9.1.x86_64.rpm	EO000400JWDKP	HPD2 (I)	HPD2	更新
975	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-9.1.x86_64.rpm	EO000800JWDKQ	HPD2 (I)	HPD2	更新
976	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-9.1.x86_64.rpm	EO001600JWDKR	HPD2 (I)	HPD2	更新
977	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-9.1.x86_64.rpm	MO000400JWDK U	HPD2 (I)	HPD2	更新
978	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-9.1.x86_64.rpm	MO000800JWDK V	HPD2 (I)	HPD2	更新
979	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-9.1.x86_64.rpm	MO001600JWDLA	HPD2 (I)	HPD2	更新

	MO003200JWDLB Drives					
980	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-9.1.x86_64.rpm	MO003200JWDLB	HPD2 (I)	HPD2	更新
981	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd-42aff4675b-HPD3-2.1.x86_64.rpm	EO000400PXDBQ	HPD3 (B)	HPD3	
982	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd-42aff4675b-HPD3-2.1.x86_64.rpm	EO000800PXDCK	HPD3 (B)	HPD3	
983	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd-42aff4675b-HPD3-2.1.x86_64.rpm	EO001600PXDCH	HPD3 (B)	HPD3	
984	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd-42aff4675b-HPD3-2.1.x86_64.rpm	MO000800PXDBP	HPD3 (B)	HPD3	

985	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDQB, EO000800PXDCK, EO001600PXDCH, MO000800PXDDB, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	firmware-hdd-42aff4675b-HPD3-2.1.x86_64.rpm	MO001600PXDCC	HPD3 (B)	HPD3	
986	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDQB, EO000800PXDCK, EO001600PXDCH, MO000800PXDDB, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	firmware-hdd-42aff4675b-HPD3-2.1.x86_64.rpm	MO003200PXDCCD	HPD3 (B)	HPD3	
987	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDQB, EO000800PXDCK, EO001600PXDCH, MO000800PXDDB, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	firmware-hdd-42aff4675b-HPD3-2.1.x86_64.rpm	MO006400PXDCE	HPD3 (B)	HPD3	
988	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDQB, EO000800PXDCK, EO001600PXDCH, MO000800PXDDB, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	firmware-hdd-42aff4675b-HPD3-2.1.x86_64.rpm	VO000960PXDDBN	HPD3 (B)	HPD3	
989	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDQB, EO000800PXDCK, EO001600PXDCH, MO000800PXDDB, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDDBN,	firmware-hdd-42aff4675b-HPD3-2.1.x86_64.rpm	VO001920PXDDBR	HPD3 (B)	HPD3	

	VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives					
990	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCC, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd- 42aff4675b-HPD3- 2.1.x86_64.rpm	VO003840PXDBT	HPD3 (B)	HPD3	
991	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCC, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd- 42aff4675b-HPD3- 2.1.x86_64.rpm	VO007680PXDBU	HPD3 (B)	HPD3	
992	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCC, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd- 42aff4675b-HPD3- 2.1.x86_64.rpm	VO015300PXDBV	HPD3 (B)	HPD3	
993	Online HDD/SSD Flash Component for Linux (x64) - MB002000JWFVN and MB004000JWFVP Drives	firmware-hdd- d7af557f47-HPD4- 6.1.x86_64.rpm	MB002000JWFVN	HPD4 (F)	HPD4	更新
994	Online HDD/SSD Flash Component for Linux (x64) - MB002000JWFVN and MB004000JWFVP Drives	firmware-hdd- d7af557f47-HPD4- 6.1.x86_64.rpm	MB004000JWFVP	HPD4 (F)	HPD4	更新
995	Online HDD/SSD Flash Component for Linux (x64) - MB002000JYDNE and MB004000JYDPB Drives	firmware-hdd- d4be2aecbb-HPD2- 2.1.x86_64.rpm	MB002000JYDNE	HPD2 (B)	HPD2	
996	Online HDD/SSD Flash Component for Linux (x64) - MB002000JYDNE and MB004000JYDPB Drives	firmware-hdd- d4be2aecbb-HPD2- 2.1.x86_64.rpm	MB004000JYDPB	HPD2 (B)	HPD2	
997	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWFVK and MB006000JWFVL Drives	firmware-hdd- f6d00bd17e-HPD4- 5.1.x86_64.rpm	MB004000JWFVK	HPD4 (E)	HPD4	更新

998	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWFVK and MB006000JWFVL Drives	firmware-hdd-f6d00bd17e-HPD4-5.1.x86_64.rpm	MB006000JWFVL	HPD4 (E)	HPD4	更新
999	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWKGU Drive	firmware-hdd-2c27a7a9a4-HPD2-5.1.x86_64.rpm	MB004000JWKGU	HPD2 (E)	HPD2	更新
1000	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWWQB and MB002000JWWQA Drives	firmware-hdd-adb3ab8147-HPD8-3.1.x86_64.rpm	MB004000JWWQ B	HPD8 (C)	HPD8	更新
1001	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWWQB and MB002000JWWQA Drives	firmware-hdd-adb3ab8147-HPD8-3.1.x86_64.rpm	MB002000JWWQ A	HPD8 (C)	HPD8	更新
1002	Online HDD/SSD Flash Component for Linux (x64) - MB006000JWKGN Drive	firmware-hdd-a886842a99-HPD2-5.1.x86_64.rpm	MB006000JWKGN	HPD2 (E)	HPD2	更新
1003	Online HDD/SSD Flash Component for Linux (x64) - MB006000JYDNF and MB008000JYDPC Drives	firmware-hdd-b04df66fe9-HPD2-2.1.x86_64.rpm	MB006000JYDNF	HPD2 (B)	HPD2	
1004	Online HDD/SSD Flash Component for Linux (x64) - MB006000JYDNF and MB008000JYDPC Drives	firmware-hdd-b04df66fe9-HPD2-2.1.x86_64.rpm	MB008000JYDPC	HPD2 (B)	HPD2	
1005	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWJRQ and MB006000JWJRP Drives	firmware-hdd-faf39e0ff7-HPD9-4.1.x86_64.rpm	MB008000JWJRQ	HPD9 (D)	HPD9	
1006	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWJRQ and MB006000JWJRP Drives	firmware-hdd-faf39e0ff7-HPD9-4.1.x86_64.rpm	MB006000JWJRP	HPD9 (D)	HPD9	
1007	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWRTD Drive	firmware-hdd-8b26d1ef02-HPD2-6.1.x86_64.rpm	MB008000JWRTD	HPD2 (F)	HPD2	更新
1008	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWWQP and MB006000JWWQN Drives	firmware-hdd-ae6b41e855-HPD8-3.1.x86_64.rpm	MB008000JWWQ P	HPD8 (C)	HPD8	更新
1009	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWWQP and MB006000JWWQN Drives	firmware-hdd-ae6b41e855-HPD8-3.1.x86_64.rpm	MB006000JWWQ N	HPD8 (C)	HPD8	更新
1010	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWAYK and MB008000JWAYH Drives	firmware-hdd-6ec35faf90-HPD6-5.1.x86_64.rpm	MB010000JWAYK	HPD6 (E)	HPD6	更新
1011	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWAYK and MB008000JWAYH Drives	firmware-hdd-6ec35faf90-HPD6-5.1.x86_64.rpm	MB008000JWAYH	HPD6 (E)	HPD6	更新
1012	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	firmware-hdd-cf0b6cabe1-HPD4-2.1.x86_64.rpm	MB010000JWZHA	HPD4 (B)	HPD4	更新
1013	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	firmware-hdd-cf0b6cabe1-HPD4-2.1.x86_64.rpm	MB012000JWZHB	HPD4 (B)	HPD4	更新
1014	Online HDD/SSD Flash	firmware-hdd-	MB014000JWZHC	HPD4 (B)	HPD4	更新



	Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	cf0b6cabe1-HPD4-2.1.x86_64.rpm				
1015	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	firmware-hdd-cf0b6cabe1-HPD4-2.1.x86_64.rpm	MB016000JWZHE	HPD4 (B)	HPD4	更新
1016	Online HDD/SSD Flash Component for Linux (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	firmware-hdd-8173816d98-HPD1-2.1.x86_64.rpm	MB010000JYDKK	HPD1 (B)	HPD1	新規追加
1017	Online HDD/SSD Flash Component for Linux (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	firmware-hdd-8173816d98-HPD1-2.1.x86_64.rpm	MB012000JYCJF	HPD1 (B)	HPD1	新規追加
1018	Online HDD/SSD Flash Component for Linux (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	firmware-hdd-8173816d98-HPD1-2.1.x86_64.rpm	MB014000JYCJV	HPD1 (B)	HPD1	新規追加
1019	Online HDD/SSD Flash Component for Linux (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	firmware-hdd-8173816d98-HPD1-2.1.x86_64.rpm	MB016000JYDKL	HPD1 (B)	HPD1	新規追加
1020	Online HDD/SSD Flash Component for Linux (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	firmware-hdd-8173816d98-HPD1-2.1.x86_64.rpm	MB018000JYDKN	HPD1 (B)	HPD1	新規追加
1021	Online HDD/SSD Flash Component for Linux (x64) - MB012000JWDFD Drive	firmware-hdd-aaf1014ede-HPD3-6.1.x86_64.rpm	MB012000JWDFD	HPD3 (F)	HPD3	更新
1022	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTE and MB010000JWRTE Drives	firmware-hdd-10385ef3e6-HPD2-9.1.x86_64.rpm	MB014000JWRTH	HPD2 (I)	HPD2	更新
1023	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTE and MB010000JWRTE Drives	firmware-hdd-10385ef3e6-HPD2-9.1.x86_64.rpm	MB012000JWRTE	HPD2 (I)	HPD2	更新
1024	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTE and MB010000JWRTE Drives	firmware-hdd-10385ef3e6-HPD2-9.1.x86_64.rpm	MB010000JWRTE	HPD2 (I)	HPD2	更新
1025	Online HDD/SSD Flash Component for Linux (x64) -	firmware-hdd-4ba9615f90-HPD8-	MB014000JWTFD	HPD8 (D)	HPD8	

	MB014000JWTFD and MB012000JWTFD Drives	4.1.x86_64.rpm				
1026	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWTFD and MB012000JWTFD Drives	firmware-hdd-4ba9615f90-HPD8-4.1.x86_64.rpm	MB012000JWTFD	HPD8 (D)	HPD8	
1027	Online HDD/SSD Flash Component for Linux (x64) - MB014000JUWDB Drive	firmware-hdd-cfd7436fcc-HPD3-6.1.x86_64.rpm	MB014000JUWDB	HPD3 (F)	HPD3	更新
1028	Online HDD/SSD Flash Component for Linux (x64) - MB016000JWXKH Drive	firmware-hdd-8a0371a425-HPDA-1.1.x86_64.rpm	MB016000JWXKH	HPDA	HPDA	更新
1029	Online HDD/SSD Flash Component for Linux (x64) - MB016000JXLBA and MB018000JXLAU Drives	firmware-hdd-d550523365-HPD2-5.1.x86_64.rpm	MB016000JXLBA	HPD2 (E)	HPD2	更新
1030	Online HDD/SSD Flash Component for Linux (x64) - MB016000JXLBA and MB018000JXLAU Drives	firmware-hdd-d550523365-HPD2-5.1.x86_64.rpm	MB018000JXLAU	HPD2 (E)	HPD2	更新
1031	Online HDD/SSD Flash Component for Linux (x64) - MB018000JXMTH and MB020000JXMTP Drives	firmware-hdd-020fc874ad-HPD1-1.1.x86_64.rpm	MB020000JXMTP	HPD1	HPD1	新規追加
1032	Online HDD/SSD Flash Component for Linux (x64) - MB018000JXMTH and MB020000JXMTP Drives	firmware-hdd-020fc874ad-HPD1-1.1.x86_64.rpm	MB018000JXMTH	HPD1	HPD1	新規追加
1033	Online HDD/SSD Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	firmware-hdd-b85516c7d2-HPD3-9.1.x86_64.rpm	MB1000JVYZL	HPD3 (I)	HPD3	更新
1034	Online HDD/SSD Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	firmware-hdd-b85516c7d2-HPD3-9.1.x86_64.rpm	MB2000JVYZN	HPD3 (I)	HPD3	更新
1035	Online HDD/SSD Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	firmware-hdd-b85516c7d2-HPD3-9.1.x86_64.rpm	MB3000JVYZP	HPD3 (I)	HPD3	更新
1036	Online HDD/SSD Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	firmware-hdd-b85516c7d2-HPD3-9.1.x86_64.rpm	MB4000JVYZQ	HPD3 (I)	HPD3	更新
1037	Online HDD/SSD Flash Component for Linux (x64) - MB2000JFDSL and MB4000JFDSN Drives	firmware-hdd-46fc43ab26-HPD4-11.1.x86_64.rpm	MB2000JFDSL	HPD4 (K)	HPD4	更新
1038	Online HDD/SSD Flash Component for Linux (x64) - MB2000JFDSL and MB4000JFDSN Drives	firmware-hdd-46fc43ab26-HPD4-11.1.x86_64.rpm	MB4000JFDSN	HPD4 (K)	HPD4	更新
1039	Online HDD/SSD Flash Component for Linux (x64) - MB2000JFEML and MB4000JFEMN Drives	firmware-hdd-624b75c7e2-HPD6-10.1.x86_64.rpm	MB2000JFEML	HPD6 (J)	HPD6	
1040	Online HDD/SSD Flash Component for Linux (x64) - MB2000JFEML and MB4000JFEMN Drives	firmware-hdd-624b75c7e2-HPD6-10.1.x86_64.rpm	MB4000JFEMN	HPD6 (J)	HPD6	
1041	Online HDD/SSD Flash Component for Linux (x64) -	firmware-hdd-326de7c0f2-HPD5-	MB2000JFEPA	HPD5 (K)	HPD5	更新

	MB2000JFEPA and MB4000JFEPB Drives	11.1.x86_64.rpm				
1042	Online HDD/SSD Flash Component for Linux (x64) - MB2000JFEPA and MB4000JFEPB Drives	firmware-hdd-326de7c0f2-HPD5-11.1.x86_64.rpm	MB4000JFEPB	HPD5 (K)	HPD5	更新
1043	Online HDD/SSD Flash Component for Linux (x64) - MB4000JEFNC and MB6000JEFND Drives	firmware-hdd-af802bb412-HPD9-11.1.x86_64.rpm	MB4000JEFNC	HPD9 (K)	HPD9	更新
1044	Online HDD/SSD Flash Component for Linux (x64) - MB4000JEFNC and MB6000JEFND Drives	firmware-hdd-af802bb412-HPD9-11.1.x86_64.rpm	MB6000JEFND	HPD9 (K)	HPD9	更新
1045	Online HDD/SSD Flash Component for Linux (x64) - MB4000JEQNL and MB6000JEQNN Drives	firmware-hdd-2cfaac41db-HPDB-11.1.x86_64.rpm	MB4000JEQNL	HPDB (K)	HPDB	更新
1046	Online HDD/SSD Flash Component for Linux (x64) - MB4000JEQNL and MB6000JEQNN Drives	firmware-hdd-2cfaac41db-HPDB-11.1.x86_64.rpm	MB6000JEQNN	HPDB (K)	HPDB	更新
1047	Online HDD/SSD Flash Component for Linux (x64) - MB4000JEXYA and MB6000JEXYB Drives	firmware-hdd-0f923833e9-HPD9-9.1.x86_64.rpm	MB4000JEXYA	HPD9 (I)	HPD9	更新
1048	Online HDD/SSD Flash Component for Linux (x64) - MB4000JEXYA and MB6000JEXYB Drives	firmware-hdd-0f923833e9-HPD9-9.1.x86_64.rpm	MB6000JEXYB	HPD9 (I)	HPD9	更新
1049	Online HDD/SSD Flash Component for Linux (x64) - MB6000JEQUV and MB8000JEQVA Drives	firmware-hdd-df22f7effd-HPDB-11.1.x86_64.rpm	MB6000JEQUV	HPDB (K)	HPDB	更新
1050	Online HDD/SSD Flash Component for Linux (x64) - MB6000JEQUV and MB8000JEQVA Drives	firmware-hdd-df22f7effd-HPDB-11.1.x86_64.rpm	MB8000JEQVA	HPDB (K)	HPDB	更新
1051	Online HDD/SSD Flash Component for Linux (x64) - MB6000JVYYV Drive	firmware-hdd-0595c2a887-HPD2-11.1.x86_64.rpm	MB6000JVYYV	HPD2 (K)	HPD2	更新
1052	Online HDD/SSD Flash Component for Linux (x64) - MB6000JVYZD and MB4000JVYZC Drives	firmware-hdd-e800e8d3b9-HPD4-9.1.x86_64.rpm	MB6000JVYZD	HPD4 (I)	HPD4	更新
1053	Online HDD/SSD Flash Component for Linux (x64) - MB6000JVYZD and MB4000JVYZC Drives	firmware-hdd-e800e8d3b9-HPD4-9.1.x86_64.rpm	MB4000JVYZC	HPD4 (I)	HPD4	更新
1054	Online HDD/SSD Flash Component for Linux (x64) - MB8000JFECQ Drive	firmware-hdd-252770cdca-HPD7-10.1.x86_64.rpm	MB8000JFECQ	HPD7 (J)	HPD7	更新
1055	Online HDD/SSD Flash Component for Linux (x64) - MM1000JEFRB and MM2000JEFRC Drives	firmware-hdd-b04257b77b-HPDA-1.1.x86_64.rpm	MM1000JEFRB	HPDA	HPDA	
1056	Online HDD/SSD Flash Component for Linux (x64) - MM1000JEFRB and MM2000JEFRC Drives	firmware-hdd-b04257b77b-HPDA-1.1.x86_64.rpm	MM2000JEFRC	HPDA	HPDA	
1057	Online HDD/SSD Flash Component for Linux (x64) - MM1000JFJTH Drive	firmware-hdd-fa46c607d6-HPD5-1.1.x86_64.rpm	MM1000JFJTH	HPD5	HPD5	
1058	Online HDD/SSD Flash Component for Linux (x64) - MO000400JFWFN,	firmware-hdd-b8a60fbe9a-HPD5-8.1.x86_64.rpm	MO000400JFWFN	HPD5 (H)	HPD5	更新

	MO000800JWFWP, MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives					
1059	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives	firmware-hdd- b8a60fbe9a-HPD5- 8.1.x86_64.rpm	MO000800JFWF P	HPD5 (H)	HPD5	更新
1060	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives	firmware-hdd- b8a60fbe9a-HPD5- 8.1.x86_64.rpm	MO001600JFWF Q	HPD5 (H)	HPD5	更新
1061	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives	firmware-hdd- b8a60fbe9a-HPD5- 8.1.x86_64.rpm	MO003200JFWF R	HPD5 (H)	HPD5	更新
1062	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives	firmware-hdd- b8a60fbe9a-HPD5- 8.1.x86_64.rpm	MO000960JFWF T	HPD5 (H)	HPD5	更新
1063	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives	firmware-hdd- b8a60fbe9a-HPD5- 8.1.x86_64.rpm	MO001920JFWF U	HPD5 (H)	HPD5	更新
1064	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives	firmware-hdd- b8a60fbe9a-HPD5- 8.1.x86_64.rpm	MO003840JFWF V	HPD5 (H)	HPD5	更新
1065	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA,	firmware-hdd- ef93133161-HPD3- 6.1.x86_64.rpm	MO000400JWUFT	HPD3 (F)	HPD3	更新

	MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives					
1066	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd- ef93133161-HPD3- 6.1.x86_64.rpm	MO000800JWUF U	HPD3 (F)	HPD3	更新
1067	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd- ef93133161-HPD3- 6.1.x86_64.rpm	MO001600JWUFV	HPD3 (F)	HPD3	更新
1068	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd- ef93133161-HPD3- 6.1.x86_64.rpm	MO003200JWUG A	HPD3 (F)	HPD3	更新
1069	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd- ef93133161-HPD3- 6.1.x86_64.rpm	MO006400JWUG B	HPD3 (F)	HPD3	更新
1070	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd- ef93133161-HPD3- 6.1.x86_64.rpm	EO000400JWUGC	HPD3 (F)	HPD3	更新
1071	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd- ef93133161-HPD3- 6.1.x86_64.rpm	EO000800JWUGD	HPD3 (F)	HPD3	更新
1072	Online HDD/SSD Flash Component for Linux (x64) -	firmware-hdd- ef93133161-HPD3-	EO001600JWUGE	HPD3 (F)	HPD3	更新

	MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	6.1.x86_64.rpm				
1073	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd- 24384980ec-HPD1- 5.1.x86_64.rpm	MO000800JXBEV	HPD1 (E)	HPD1	更新
1074	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd- 24384980ec-HPD1- 5.1.x86_64.rpm	MO001600JXBFP	HPD1 (E)	HPD1	更新
1075	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd- 24384980ec-HPD1- 5.1.x86_64.rpm	MO003200JXBFO	HPD1 (E)	HPD1	更新
1076	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd- 24384980ec-HPD1- 5.1.x86_64.rpm	MO006400JXBFR	HPD1 (E)	HPD1	更新
1077	Online HDD/SSD Flash Component for Linux (x64) -	firmware-hdd- 24384980ec-HPD1-	MO000960JXBFA	HPD1 (E)	HPD1	更新

	MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	5.1.x86_64.rpm				
1078	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd- 24384980ec-HPD1- 5.1.x86_64.rpm	MO001920JXBFT	HPD1 (E)	HPD1	更新
1079	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd- 24384980ec-HPD1- 5.1.x86_64.rpm	MO003840JXBFU	HPD1 (E)	HPD1	更新
1080	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd- 24384980ec-HPD1- 5.1.x86_64.rpm	MO007680JXBGA	HPD1 (E)	HPD1	更新
1081	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU,	firmware-hdd- 24384980ec-HPD1- 5.1.x86_64.rpm	MO015360JXBFV	HPD1 (E)	HPD1	更新

	EO000800JXBFL and EO001600JXBFN Drives					
1082	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFB, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd-24384980ec-HPD1-5.1.x86_64.rpm	EO000400JXBEU	HPD1 (E)	HPD1	更新
1083	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFB, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd-24384980ec-HPD1-5.1.x86_64.rpm	EO000800JXBFL	HPD1 (E)	HPD1	更新
1084	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFB, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	firmware-hdd-24384980ec-HPD1-5.1.x86_64.rpm	EO001600JXBFN	HPD1 (E)	HPD1	更新
1085	Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	firmware-hdd-71af849f3b-HPD3-11.1.x86_64.rpm	EO0800JEFPF	HPD3 (K)	HPD3	更新
1086	Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	firmware-hdd-71af849f3b-HPD3-11.1.x86_64.rpm	EO0400JEFPE	HPD3 (K)	HPD3	更新
1087	Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD,	firmware-hdd-71af849f3b-HPD3-11.1.x86_64.rpm	EO0200JEFPD	HPD3 (K)	HPD3	更新



	EO0400JEFPE and EO0800JEFPF Drives					
1088	Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	firmware-hdd-71af849f3b-HPD3-11.1.x86_64.rpm	MO1600JEFPC	HPD3 (K)	HPD3	更新
1089	Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	firmware-hdd-71af849f3b-HPD3-11.1.x86_64.rpm	MO0800JEFPB	HPD3 (K)	HPD3	更新
1090	Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	firmware-hdd-71af849f3b-HPD3-11.1.x86_64.rpm	MO0400JEFPA	HPD3 (K)	HPD3	更新
1091	Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	firmware-hdd-71af849f3b-HPD3-11.1.x86_64.rpm	MO0200JEFNV	HPD3 (K)	HPD3	更新
1092	Online HDD/SSD Flash Component for Linux (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	firmware-hdd-edf6dcd906-HPD9-7.1.x86_64.rpm	MO0400JFFCF	HPD9 (G)	HPD9	更新
1093	Online HDD/SSD Flash Component for Linux (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	firmware-hdd-edf6dcd906-HPD9-7.1.x86_64.rpm	MO0800JFFCH	HPD9 (G)	HPD9	更新
1094	Online HDD/SSD Flash Component for Linux (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	firmware-hdd-edf6dcd906-HPD9-7.1.x86_64.rpm	MO1600JFFCK	HPD9 (G)	HPD9	更新
1095	Online HDD/SSD Flash Component for Linux (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	firmware-hdd-edf6dcd906-HPD9-7.1.x86_64.rpm	MO3200JFFCL	HPD9 (G)	HPD9	更新
1096	Online HDD/SSD Flash Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	firmware-hdd-1e51a57347-HPD8-7.1.x86_64.rpm	VK000960JWSSQ	HPD8 (G)	HPD8	
1097	Online HDD/SSD Flash	firmware-hdd-	VK001920JWSSR	HPD8 (G)	HPD8	

	Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	1e51a57347-HPD8- 7.1.x86_64.rpm				
1098	Online HDD/SSD Flash Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	firmware-hdd- 1e51a57347-HPD8- 7.1.x86_64.rpm	VK003840JWSST	HPD8 (G)	HPD8	
1099	Online HDD/SSD Flash Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	firmware-hdd- 1e51a57347-HPD8- 7.1.x86_64.rpm	VK007680JWSSU	HPD8 (G)	HPD8	
1100	Online HDD/SSD Flash Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	firmware-hdd- 1e51a57347-HPD8- 7.1.x86_64.rpm	VO015300JWSSV	HPD8 (G)	HPD8	
1101	Online HDD/SSD Flash Component for Linux (x64) - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	firmware-hdd- 8a7ecf7465-HPD4- 4.1.x86_64.rpm	VK0400JEABD	HPD4 (D)	HPD4	
1102	Online HDD/SSD Flash Component for Linux (x64) - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	firmware-hdd- 8a7ecf7465-HPD4- 4.1.x86_64.rpm	VK0800JEABE	HPD4 (D)	HPD4	
1103	Online HDD/SSD Flash Component for Linux (x64) - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	firmware-hdd- 8a7ecf7465-HPD4- 4.1.x86_64.rpm	VO1600JEABF	HPD4 (D)	HPD4	
1104	Online HDD/SSD Flash Component for Linux (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	firmware-hdd- 2eb810cdd7-HPD8- 6.1.x86_64.rpm	VO000480JWDAR	HPD8 (F)	HPD8	
1105	Online HDD/SSD Flash Component for Linux (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	firmware-hdd- 2eb810cdd7-HPD8- 6.1.x86_64.rpm	VO000960JWDAT	HPD8 (F)	HPD8	
1106	Online HDD/SSD Flash Component for Linux (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	firmware-hdd- 2eb810cdd7-HPD8- 6.1.x86_64.rpm	VO001920JWDAU	HPD8 (F)	HPD8	
1107	Online HDD/SSD Flash Component for Linux (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	firmware-hdd- 2eb810cdd7-HPD8- 6.1.x86_64.rpm	VO003840JWDAV	HPD8 (F)	HPD8	
1108	Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP,	firmware-hdd- a07a420ed1-HPD4- 5.1.x86_64.rpm	VO000800JWZJP	HPD4 (E)	HPD4	更新

	VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives					
1109	Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	firmware-hdd- a07a420ed1-HPD4- 5.1.x86_64.rpm	VO001600JWZJQ	HPD4 (E)	HPD4	更新
1110	Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	firmware-hdd- a07a420ed1-HPD4- 5.1.x86_64.rpm	VO003200JWZJR	HPD4 (E)	HPD4	更新
1111	Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	firmware-hdd- a07a420ed1-HPD4- 5.1.x86_64.rpm	VO006400JWZJT	HPD4 (E)	HPD4	更新
1112	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTLB, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ, MO000800JWTLR, MO001600JWTLT, MO003200JWTLU, MO006400JWTLV, EO000400JWTLW, EO000800JWTLX and EO001600JWTLY Drives	firmware-hdd- 9ad359dac1-HPD9- 5.1.x86_64.rpm	VO000960JWTBK	HPD9 (E)	HPD9	更新
1113	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTLB, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ, MO000800JWTLR, MO001600JWTLT, MO003200JWTLU, MO006400JWTLV, EO000400JWTLW, EO000800JWTLX and EO001600JWTLY Drives	firmware-hdd- 9ad359dac1-HPD9- 5.1.x86_64.rpm	VO001920JWTLB	HPD9 (E)	HPD9	更新
1114	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTLB, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ, MO000800JWTLR, MO001600JWTLT, MO003200JWTLU, MO006400JWTLV, EO000400JWTLW, EO000800JWTLX and EO001600JWTLY Drives	firmware-hdd- 9ad359dac1-HPD9- 5.1.x86_64.rpm	VO003840JWTLN	HPD9 (E)	HPD9	更新
1115	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK,	firmware-hdd- 9ad359dac1-HPD9- 5.1.x86_64.rpm	VO007680JWTLB	HPD9 (E)	HPD9	更新

	VO001920JWTL, VO003840JWTLBN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA and EO001600JWTLCB Drives					
1116	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTLBK, VO001920JWTL, VO003840JWTLBN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA and EO001600JWTLCB Drives	firmware-hdd- 9ad359dac1-HPD9- 5.1.x86_64.rpm	MO000400JWTL Q	HPD9 (E)	HPD9	更新
1117	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTLBK, VO001920JWTL, VO003840JWTLBN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA and EO001600JWTLCB Drives	firmware-hdd- 9ad359dac1-HPD9- 5.1.x86_64.rpm	MO000800JWTLBR	HPD9 (E)	HPD9	更新
1118	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTLBK, VO001920JWTL, VO003840JWTLBN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA and EO001600JWTLCB Drives	firmware-hdd- 9ad359dac1-HPD9- 5.1.x86_64.rpm	MO001600JWTLBT	HPD9 (E)	HPD9	更新
1119	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTLBK, VO001920JWTL, VO003840JWTLBN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA and	firmware-hdd- 9ad359dac1-HPD9- 5.1.x86_64.rpm	MO003200JWTLBU	HPD9 (E)	HPD9	更新

	EO001600JWTCB Drives					
1120	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPD9-5.1.x86_64.rpm	MO006400JWTKD	HPD9 (E)	HPD9	更新
1121	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPD9-5.1.x86_64.rpm	EO000400JWTKV	HPD9 (E)	HPD9	更新
1122	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPD9-5.1.x86_64.rpm	EO000800JWTKA	HPD9 (E)	HPD9	更新
1123	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPD9-5.1.x86_64.rpm	EO001600JWTCB	HPD9 (E)	HPD9	更新
1124	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT,	firmware-hdd-9ad359dac1-HPD9-5.1.x86_64.rpm	EO003200JWTKC	HPD9 (E)	HPD9	更新

	MO003200JWBTBU, MO006400JWTCB, EO000400JWTVB, EO000800JWTVCA and EO001600JWTVCB Drives					
1125	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTVBK, VO001920JWTVBL, VO003840JWTVBN, VO007680JWTVBP, MO000400JWTVBQ, MO000800JWTVBR, MO001600JWTVBT, MO003200JWBTBU, MO006400JWTCB, EO000400JWTVB, EO000800JWTVCA and EO001600JWTVCB Drives	firmware-hdd- 9ad359dac1-HPD9- 5.1.x86_64.rpm	MO001920JWW WV	HPD9 (E)	HPD9	更新
1126	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd- 35fd24601f-HPD4- 6.1.x86_64.rpm	VO000960JWZJF	HPD4 (F)	HPD4	更新
1127	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd- 35fd24601f-HPD4- 6.1.x86_64.rpm	VO001920JWZJH	HPD4 (F)	HPD4	更新
1128	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd- 35fd24601f-HPD4- 6.1.x86_64.rpm	VO003840JWZJK	HPD4 (F)	HPD4	更新
1129	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd- 35fd24601f-HPD4- 6.1.x86_64.rpm	VO007680JWZJL	HPD4 (F)	HPD4	更新
1130	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd- 35fd24601f-HPD4- 6.1.x86_64.rpm	VO015360JWZJN	HPD4 (F)	HPD4	更新
1131	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd- 8fafc9efb2-HPD7- 2.1.x86_64.rpm	VO000960RWUEV	HPD7 (B)	HPD7	更新
1132	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd- 8fafc9efb2-HPD7- 2.1.x86_64.rpm	VO001920RWUFA	HPD7 (B)	HPD7	更新

	VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives					
1133	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd- 8fadc9efb2-HPD7- 2.1.x86_64.rpm	VO003840RWUFB	HPD7 (B)	HPD7	更新
1134	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd- 8fadc9efb2-HPD7- 2.1.x86_64.rpm	VO007680RWUFC	HPD7 (B)	HPD7	更新
1135	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd- 8fadc9efb2-HPD7- 2.1.x86_64.rpm	VO000960RWUFD	HPD7 (B)	HPD7	更新
1136	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd- 8fadc9efb2-HPD7- 2.1.x86_64.rpm	VO001920RWUFE	HPD7 (B)	HPD7	更新
1137	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd- 8fadc9efb2-HPD7- 2.1.x86_64.rpm	VO003840RWUFF	HPD7 (B)	HPD7	更新
1138	Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	firmware-hdd- 8f501d6cf1-HPD2- 2.1.x86_64.rpm	VO003840XZCLT	HPD2 (B)	HPD2	
1139	Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	firmware-hdd- 8f501d6cf1-HPD2- 2.1.x86_64.rpm	VO007680XZCMB	HPD2 (B)	HPD2	
1140	Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT,	firmware-hdd- 8f501d6cf1-HPD2- 2.1.x86_64.rpm	MO000800XZCLQ	HPD2 (B)	HPD2	

	VO007680XCMB, MO000800XZCLQ and MO001600XZCLV Drives					
1141	Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XCMB, MO000800XZCLQ and MO001600XZCLV Drives	firmware-hdd- 8f501d6cf1-HPD2- 2.1.x86_64.rpm	MO001600XZCLV	HPD2 (B)	HPD2	
1142	Online HDD/SSD Flash Component for Linux (x64) - VO007680JWCNK and VO015300JWCNL Drives	firmware-hdd- 4c048aaeb0-HPD8- 6.1.x86_64.rpm	VO007680JWCNK	HPD8 (F)	HPD8	
1143	Online HDD/SSD Flash Component for Linux (x64) - VO007680JWCNK and VO015300JWCNL Drives	firmware-hdd- 4c048aaeb0-HPD8- 6.1.x86_64.rpm	VO015300JWCNL	HPD8 (F)	HPD8	
1144	Online HDD/SSD Flash Component for Linux (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	firmware-hdd- 8ed8893abd-HPD9- 7.1.x86_64.rpm	VO0480JFDGT	HPD9 (G)	HPD9	更新
1145	Online HDD/SSD Flash Component for Linux (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	firmware-hdd- 8ed8893abd-HPD9- 7.1.x86_64.rpm	VO0960JFDGU	HPD9 (G)	HPD9	更新
1146	Online HDD/SSD Flash Component for Linux (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	firmware-hdd- 8ed8893abd-HPD9- 7.1.x86_64.rpm	VO1920JFDGV	HPD9 (G)	HPD9	更新
1147	Online HDD/SSD Flash Component for Linux (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	firmware-hdd- 8ed8893abd-HPD9- 7.1.x86_64.rpm	VO3840JFDHA	HPD9 (G)	HPD9	更新
1148	Online HDD/SSD Flash Component for Linux (x64) - VO1920JEUQQ Drive	firmware-hdd- 5d9e841607-HPD3- 11.1.x86_64.rpm	VO1920JEUQQ	HPD3 (K)	HPD3	更新
1149	Online HDD/SSD Flash Component for VMware ESXi - EG000300JWBHR Drive	CP055258.zip	EG000300JWBHR	HPD5 (D)	HPD5	更新
1150	Online HDD/SSD Flash Component for VMware ESXi - EG000300JWFVB Drive	CP055257.zip	EG000300JWFVB	HPD3 (D)	HPD3	更新
1151	Online HDD/SSD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	CP055412.zip	EG000600JWJNH	HPD5 (C)	HPD5	更新
1152	Online HDD/SSD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	CP055412.zip	EG001200JWJNK	HPD5 (C)	HPD5	更新
1153	Online HDD/SSD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	CP055412.zip	EG000300JWSJP	HPD5 (C)	HPD5	更新
1154	Online HDD/SSD Flash	CP053464.zip	EG000600JWEBH	HPD5 (D)	HPD5	更新



	Component for VMware ESXi - EG000600JWEBH and EG000300JWEBF Drives					
1155	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWEBH and EG000300JWEBF Drives	CP053464.zip	EG000300JWEBF	HPD5 (D)	HPD5	更新
1156	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWFUV and EG001200JWFVA Drives	CP055259.zip	EG000600JWFUV	HPD4 (D)	HPD4	更新
1157	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWFUV and EG001200JWFVA Drives	CP055259.zip	EG001200JWFVA	HPD4 (D)	HPD4	更新
1158	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	CP055387.zip	EG000600JWJNP	HPD8	HPD8	更新
1159	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	CP055387.zip	EG001200JWJNQ	HPD8	HPD8	更新
1160	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	CP055387.zip	EG001200MXJQU	HPD8	HPD8	更新
1161	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	CP055387.zip	EG000600JXLVV	HPD8	HPD8	更新
1162	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	CP055387.zip	EG001200JXLWA	HPD8	HPD8	更新
1163	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWFVC Drive	CP055260.zip	EG001800JWFVC	HPD4 (D)	HPD4	更新
1164	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNL and EG002400JWJNN Drives	CP055411.zip	EG001800JWJNL	HPD5 (C)	HPD5	更新
1165	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNL and EG002400JWJNN Drives	CP055411.zip	EG002400JWJNN	HPD5 (C)	HPD5	更新
1166	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB,	CP055733.zip	EG001800JWJNR	HPDA (B)	HPDA	更新

	EG002400JXLWC and EG002400MXJQT Drives					
1167	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	CP055733.zip	EG002400JWJNT	HPDA (B)	HPDA	更新
1168	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	CP055733.zip	EG002400MXJQT	HPDA (B)	HPDA	更新
1169	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	CP055733.zip	EG001800JXLWB	HPDA (B)	HPDA	更新
1170	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	CP055733.zip	EG002400JXLWC	HPDA (B)	HPDA	更新
1171	Online HDD/SSD Flash Component for VMware ESXi - EG0300FCSPH, EG0450FCSPK, EG0600FCSP and EG0900FCSPN Drives	CP055272.zip	EG0300FCSPH	HPD2 (K)	HPD2	更新
1172	Online HDD/SSD Flash Component for VMware ESXi - EG0300FCSPH, EG0450FCSPK, EG0600FCSP and EG0900FCSPN Drives	CP055272.zip	EG0450FCSPK	HPD2 (K)	HPD2	更新
1173	Online HDD/SSD Flash Component for VMware ESXi - EG0300FCSPH, EG0450FCSPK, EG0600FCSP and EG0900FCSPN Drives	CP055272.zip	EG0600FCSP	HPD2 (K)	HPD2	更新
1174	Online HDD/SSD Flash Component for VMware ESXi - EG0300FCSPH, EG0450FCSPK, EG0600FCSP and EG0900FCSPN Drives	CP055272.zip	EG0900FCSPN	HPD2 (K)	HPD2	更新
1175	Online HDD/SSD Flash Component for VMware ESXi - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	CP055271.zip	EG0300JEHLV	HPD5 (L)	HPD5	更新
1176	Online HDD/SSD Flash Component for VMware ESXi - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	CP055271.zip	EG0600JEHMA	HPD5 (L)	HPD5	更新
1177	Online HDD/SSD Flash Component for VMware ESXi - EG0300JEHLV, EG0600JEHMA,	CP055271.zip	EG0900JEHMB	HPD5 (L)	HPD5	更新

	EG0900JEHMB, and EG1200JEHMC Drives					
1178	Online HDD/SSD Flash Component for VMware ESXi - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	CP055271.zip	EG1200JEHMC	HPD5 (L)	HPD5	更新
1179	Online HDD/SSD Flash Component for VMware ESXi - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	CP055270.zip	EG0600JEMCV	HPD6 (K)	HPD6	更新
1180	Online HDD/SSD Flash Component for VMware ESXi - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	CP055270.zip	EG1200JEMDA	HPD6 (K)	HPD6	更新
1181	Online HDD/SSD Flash Component for VMware ESXi - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	CP055270.zip	EG0300JFCKA	HPD6 (K)	HPD6	更新
1182	Online HDD/SSD Flash Component for VMware ESXi - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	CP055270.zip	EG0900JFCKB	HPD6 (K)	HPD6	更新
1183	Online HDD/SSD Flash Component for VMware ESXi - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	CP055269.zip	EG0600JETKA	HPD8 (D)	HPD8	更新
1184	Online HDD/SSD Flash Component for VMware ESXi - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	CP055269.zip	EG0900JETKB	HPD8 (D)	HPD8	更新
1185	Online HDD/SSD Flash Component for VMware ESXi - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	CP055269.zip	EG1200JETKC	HPD8 (D)	HPD8	更新
1186	Online HDD/SSD Flash Component for VMware ESXi - EG1800JEHMD Drive	CP055268.zip	EG1800JEHMD	HPD6 (L)	HPD6	更新
1187	Online HDD/SSD Flash Component for VMware ESXi - EG1800JEMDB Drive	CP055267.zip	EG1800JEMDB	HPD5 (K)	HPD5	更新
1188	Online HDD/SSD Flash Component for VMware ESXi - EG1800JFHMH Drive	CP055266.zip	EG1800JFHMH	HPD8 (D)	HPD8	更新
1189	Online HDD/SSD Flash Component for VMware ESXi - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	CP053495.zip	EH000300JWCPK	HPD9	HPD9	更新
1190	Online HDD/SSD Flash Component for VMware ESXi - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	CP053495.zip	EH000600JWCPL	HPD9	HPD9	更新
1191	Online HDD/SSD Flash Component for VMware ESXi - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	CP053495.zip	EH000900JWCPN	HPD9	HPD9	更新
1192	Online HDD/SSD Flash Component for VMware ESXi	CP053495.zip	EH000900JXLVU	HPD9	HPD9	更新

	- EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives					
1193	Online HDD/SSD Flash Component for VMware ESXi - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	CP053495.zip	EH000300JXLVR	HPD9	HPD9	更新
1194	Online HDD/SSD Flash Component for VMware ESXi - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	CP053495.zip	EH000600JXLVT	HPD9	HPD9	更新
1195	Online HDD/SSD Flash Component for VMware ESXi - EH000600JWCPF and EH000900JWCPH Drives	CP055730.zip	EH000900JWCPH	HPDB (B)	HPDB	更新
1196	Online HDD/SSD Flash Component for VMware ESXi - EH000600JWCPF and EH000900JWCPH Drives	CP055730.zip	EH000600JWCPF	HPDB (B)	HPDB	更新
1197	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPK and EH000600JWHPH Drives	CP054157.zip	EH000900JWHPK	HPD8	HPD8	更新
1198	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPK and EH000600JWHPH Drives	CP054157.zip	EH000600JWHPH	HPD8	HPD8	更新
1199	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	CP054146.zip	EH000900JWHPP	HPD8	HPD8	更新
1200	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	CP054146.zip	EH000600JWHPN	HPD8	HPD8	更新
1201	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	CP054146.zip	EH000300JWHPL	HPD8	HPD8	更新
1202	Online HDD/SSD Flash Component for VMware ESXi - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	CP055265.zip	EH0300JDXBA	HPD5 (K)	HPD5	更新
1203	Online HDD/SSD Flash Component for VMware ESXi - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	CP055265.zip	EH0450JDXBB	HPD5 (K)	HPD5	更新
1204	Online HDD/SSD Flash Component for VMware ESXi - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	CP055265.zip	EH0600JDXBC	HPD5 (K)	HPD5	更新
1205	Online HDD/SSD Flash Component for VMware ESXi - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	CP055264.zip	EH0300JDYTH	HPD6 (L)	HPD6	更新
1206	Online HDD/SSD Flash Component for VMware ESXi	CP055264.zip	EH0450JDYTK	HPD6 (L)	HPD6	更新

	- EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives					
1207	Online HDD/SSD Flash Component for VMware ESXi - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	CP055264.zip	EH0600JDYTL	HPD6 (L)	HPD6	更新
1208	Online HDD/SSD Flash Component for VMware ESXi - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	CP055263.zip	EH0300JEDHC	HPD4 (L)	HPD4	更新
1209	Online HDD/SSD Flash Component for VMware ESXi - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	CP055263.zip	EH0450JEDHD	HPD4 (L)	HPD4	更新
1210	Online HDD/SSD Flash Component for VMware ESXi - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	CP055263.zip	EH0600JEDHE	HPD4 (L)	HPD4	更新
1211	Online HDD/SSD Flash Component for VMware ESXi - EH0600JDYTN Drive	CP055262.zip	EH0600JDYTN	HPD7 (J)	HPD7	更新
1212	Online HDD/SSD Flash Component for VMware ESXi - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	CP055356.zip	EK0800JVYPN	HPD7 (F)	HPD7	更新
1213	Online HDD/SSD Flash Component for VMware ESXi - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	CP055356.zip	EO1600JVYPP	HPD7 (F)	HPD7	更新
1214	Online HDD/SSD Flash Component for VMware ESXi - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	CP055356.zip	MK0800JVYPQ	HPD7 (F)	HPD7	更新
1215	Online HDD/SSD Flash Component for VMware ESXi - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	CP055356.zip	MO1600JVYPR	HPD7 (F)	HPD7	更新
1216	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP055421.zip	EO000400JWDKP	HPD2 (H)	HPD2	更新
1217	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP055421.zip	EO000800JWDKQ	HPD2 (H)	HPD2	更新
1218	Online HDD/SSD Flash Component for VMware ESXi	CP055421.zip	EO001600JWDKR	HPD2 (H)	HPD2	更新

	- EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives					
1219	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP055421.zip	MO000400JWDK U	HPD2 (H)	HPD2	更新
1220	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP055421.zip	MO000800JWDK V	HPD2 (H)	HPD2	更新
1221	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP055421.zip	MO001600JWDLA	HPD2 (H)	HPD2	更新
1222	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP055421.zip	MO003200JWDLB	HPD2 (H)	HPD2	更新
1223	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP053486.zip	EO000400PXDBQ	HPD3 (C)	HPD3	更新
1224	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE,	CP053486.zip	EO000800PXDCK	HPD3 (C)	HPD3	更新

	VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives					
1225	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP053486.zip	EO001600PXDCH	HPD3 (C)	HPD3	更新
1226	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP053486.zip	MO000800PXDBP	HPD3 (C)	HPD3	更新
1227	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP053486.zip	MO001600PXDCC	HPD3 (C)	HPD3	更新
1228	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP053486.zip	MO003200PXDCCD	HPD3 (C)	HPD3	更新
1229	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCH,	CP053486.zip	MO006400PXDCE	HPD3 (C)	HPD3	更新

	MO000800PXDBP, MO001600PXDCD, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives					
1230	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCD, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP053486.zip	VO000960PXDBN	HPD3 (C)	HPD3	更新
1231	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCD, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP053486.zip	VO001920PXDBR	HPD3 (C)	HPD3	更新
1232	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCD, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP053486.zip	VO003840PXDBT	HPD3 (C)	HPD3	更新
1233	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCD, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP053486.zip	VO007680PXDBU	HPD3 (C)	HPD3	更新
1234	Online HDD/SSD Flash	CP053486.zip	VO015300PXDBV	HPD3 (C)	HPD3	更新



	Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDDBR, VO003840PXDBT, VO007680PXDDBU and VO015300PXDDBV Drives					
1235	Online HDD/SSD Flash Component for VMware ESXi - MB002000JWFVN and MB004000JWFVP Drives	CP053384.zip	MB002000JWFVN	HPD4 (D)	HPD4	更新
1236	Online HDD/SSD Flash Component for VMware ESXi - MB002000JWFVN and MB004000JWFVP Drives	CP053384.zip	MB004000JWFVP	HPD4 (D)	HPD4	更新
1237	Online HDD/SSD Flash Component for VMware ESXi - MB002000JYDNE and MB004000JYDPB Drives	CP053343.zip	MB002000JYDNE	HPD2 (C)	HPD2	更新
1238	Online HDD/SSD Flash Component for VMware ESXi - MB002000JYDNE and MB004000JYDPB Drives	CP053343.zip	MB004000JYDPB	HPD2 (C)	HPD2	更新
1239	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWFVK and MB006000JWFVL Drives	CP055302.zip	MB004000JWFVK	HPD4 (D)	HPD4	更新
1240	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWFVK and MB006000JWFVL Drives	CP055302.zip	MB006000JWFVL	HPD4 (D)	HPD4	更新
1241	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWKGU Drive	CP055303.zip	MB004000JWKGU	HPD2 (D)	HPD2	更新
1242	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWWQB and MB002000JWWQA Drives	CP053939.zip	MB004000JWWQ B	HPD8	HPD8	更新
1243	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWWQB and MB002000JWWQA Drives	CP053939.zip	MB002000JWWQ A	HPD8	HPD8	更新
1244	Online HDD/SSD Flash Component for VMware ESXi - MB006000JWKGN Drive	CP055305.zip	MB006000JWKGN	HPD2 (D)	HPD2	更新
1245	Online HDD/SSD Flash Component for VMware ESXi - MB006000JYDNF and MB008000JYDPC Drives	CP053342.zip	MB006000JYDNF	HPD2 (C)	HPD2	更新
1246	Online HDD/SSD Flash Component for VMware ESXi - MB006000JYDNF and MB008000JYDPC Drives	CP053342.zip	MB008000JYDPC	HPD2 (C)	HPD2	更新
1247	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWJRQ and MB006000JWJRP Drives	CP055404.zip	MB008000JWJRQ	HPD9 (D)	HPD9	更新
1248	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWJRQ and	CP055404.zip	MB006000JWJRP	HPD9 (D)	HPD9	更新

	MB006000JWJRP Drives					
1249	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWRTD Drive	CP053398.zip	MB008000JWRTD	HPD2 (D)	HPD2	更新
1250	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWWQP and MB006000JWWQN Drives	CP053890.zip	MB008000JWWQP	HPD8	HPD8	更新
1251	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWWQP and MB006000JWWQN Drives	CP053890.zip	MB006000JWWQN	HPD8	HPD8	更新
1252	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	CP055424.zip	MB010000GWZGT	HPG1 (C)	HPG1	更新
1253	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	CP055424.zip	MB012000GWZGU	HPG1 (C)	HPG1	更新
1254	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	CP055424.zip	MB014000GWZGV	HPG1 (C)	HPG1	更新
1255	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	CP055424.zip	MB016000GWZHD	HPG1 (C)	HPG1	更新
1256	Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	CP053502.zip	MB010000GYDKP	HPG1 (B)	HPG1	更新
1257	Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	CP053502.zip	MB012000GYCJL	HPG1 (B)	HPG1	更新
1258	Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	CP053502.zip	MB014000GYCJT	HPG1 (B)	HPG1	更新
1259	Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	CP053502.zip	MB016000GYDKQ	HPG1 (B)	HPG1	更新
1260	Online HDD/SSD Flash Component for VMware ESXi	CP053502.zip	MB018000GYDKR	HPG1 (B)	HPG1	更新

	- MB01000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives					
1261	Online HDD/SSD Flash Component for VMware ESXi - MB01000JWAYK and MB008000JWAYH Drives	CP055307.zip	MB010000JWAYK	HPD6 (D)	HPD6	更新
1262	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWAYK and MB008000JWAYH Drives	CP055307.zip	MB008000JWAYH	HPD6 (D)	HPD6	更新
1263	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	CP053847.zip	MB010000JWZHA	HPD4	HPD4	更新
1264	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	CP053847.zip	MB012000JWZHB	HPD4	HPD4	更新
1265	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	CP053847.zip	MB014000JWZHC	HPD4	HPD4	更新
1266	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	CP053847.zip	MB016000JWZHE	HPD4	HPD4	更新
1267	Online HDD/SSD Flash Component for VMware ESXi - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	CP053994.zip	MB010000JYDKK	HPD1	HPD1	新規追加
1268	Online HDD/SSD Flash Component for VMware ESXi - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	CP053994.zip	MB012000JYCJF	HPD1	HPD1	新規追加
1269	Online HDD/SSD Flash Component for VMware ESXi - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	CP053994.zip	MB014000JYCJV	HPD1	HPD1	新規追加
1270	Online HDD/SSD Flash Component for VMware ESXi - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	CP053994.zip	MB016000JYDKL	HPD1	HPD1	新規追加
1271	Online HDD/SSD Flash	CP053994.zip	MB018000JYDKN	HPD1	HPD1	新規追加

	Component for VMware ESXi - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives					
1272	Online HDD/SSD Flash Component for VMware ESXi - MB012000JWDFD Drive	CP053422.zip	MB012000JWDFD	HPD3 (D)	HPD3	更新
1273	Online HDD/SSD Flash Component for VMware ESXi - MB014000JWTFD and MB012000JWTFD Drives	CP055407.zip	MB014000JWTFD	HPD8 (D)	HPD8	更新
1274	Online HDD/SSD Flash Component for VMware ESXi - MB014000JWTFD and MB012000JWTFD Drives	CP055407.zip	MB012000JWTFD	HPD8 (D)	HPD8	更新
1275	Online HDD/SSD Flash Component for VMware ESXi - MB014000JWUDB Drive	CP053406.zip	MB014000JWUDB	HPD3 (D)	HPD3	更新
1276	Online HDD/SSD Flash Component for VMware ESXi - MB016000JWXKH Drive	CP053443.zip	MB016000JWXKH	HPDA	HPDA	更新
1277	Online HDD/SSD Flash Component for VMware ESXi - MB016000JXLBA and MB018000JXLAU Drives	CP053456.zip	MB016000JXLBA	HPD2 (C)	HPD2	更新
1278	Online HDD/SSD Flash Component for VMware ESXi - MB016000JXLBA and MB018000JXLAU Drives	CP053456.zip	MB018000JXLAU	HPD2 (C)	HPD2	更新
1279	Online HDD/SSD Flash Component for VMware ESXi - MB018000JXMTH and MB020000JXMTP Drives	CP055621.zip	MB020000JXMTP	HPD1	HPD1	新規追加
1280	Online HDD/SSD Flash Component for VMware ESXi - MB018000JXMTH and MB020000JXMTP Drives	CP055621.zip	MB018000JXMTH	HPD1	HPD1	新規追加
1281	Online HDD/SSD Flash Component for VMware ESXi - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	CP055312.zip	MB1000JVYZL	HPD3 (H)	HPD3	更新
1282	Online HDD/SSD Flash Component for VMware ESXi - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	CP055312.zip	MB2000JVYZN	HPD3 (H)	HPD3	更新
1283	Online HDD/SSD Flash Component for VMware ESXi - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	CP055312.zip	MB3000JVYZP	HPD3 (H)	HPD3	更新
1284	Online HDD/SSD Flash Component for VMware ESXi - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	CP055312.zip	MB4000JVYZQ	HPD3 (H)	HPD3	更新
1285	Online HDD/SSD Flash Component for VMware ESXi - MB2000JFDSL and MB4000JFDSN Drives	CP055315.zip	MB2000JFDSL	HPD4 (K)	HPD4	更新
1286	Online HDD/SSD Flash Component for VMware ESXi - MB2000JFDSL and	CP055315.zip	MB4000JFDSN	HPD4 (K)	HPD4	更新

	MB4000JFDSN Drives					
1287	Online HDD/SSD Flash Component for VMware ESXi - MB2000JFEML and MB4000JFEMN Drives	CP055316.zip	MB2000JFEML	HPD6 (K)	HPD6	更新
1288	Online HDD/SSD Flash Component for VMware ESXi - MB2000JFEML and MB4000JFEMN Drives	CP055316.zip	MB4000JFEMN	HPD6 (K)	HPD6	更新
1289	Online HDD/SSD Flash Component for VMware ESXi - MB2000JFEPA and MB4000JFEPB Drives	CP055317.zip	MB2000JFEPA	HPD5 (K)	HPD5	更新
1290	Online HDD/SSD Flash Component for VMware ESXi - MB2000JFEPA and MB4000JFEPB Drives	CP055317.zip	MB4000JFEPB	HPD5 (K)	HPD5	更新
1291	Online HDD/SSD Flash Component for VMware ESXi - MB4000JEFNC and MB6000JEFND Drives	CP055320.zip	MB4000JEFNC	HPD9 (K)	HPD9	更新
1292	Online HDD/SSD Flash Component for VMware ESXi - MB4000JEFNC and MB6000JEFND Drives	CP055320.zip	MB6000JEFND	HPD9 (K)	HPD9	更新
1293	Online HDD/SSD Flash Component for VMware ESXi - MB4000JEQNL and MB6000JEQNN Drives	CP055321.zip	MB4000JEQNL	HPDB (K)	HPDB	更新
1294	Online HDD/SSD Flash Component for VMware ESXi - MB4000JEQNL and MB6000JEQNN Drives	CP055321.zip	MB6000JEQNN	HPDB (K)	HPDB	更新
1295	Online HDD/SSD Flash Component for VMware ESXi - MB4000JEXYA and MB6000JEXYB Drives	CP055322.zip	MB4000JEXYA	HPD9 (H)	HPD9	更新
1296	Online HDD/SSD Flash Component for VMware ESXi - MB4000JEXYA and MB6000JEXYB Drives	CP055322.zip	MB6000JEXYB	HPD9 (H)	HPD9	更新
1297	Online HDD/SSD Flash Component for VMware ESXi - MB6000JEQUV and MB8000JEQVA Drives	CP055327.zip	MB6000JEQUV	HPDB (K)	HPDB	更新
1298	Online HDD/SSD Flash Component for VMware ESXi - MB6000JEQUV and MB8000JEQVA Drives	CP055327.zip	MB8000JEQVA	HPDB (K)	HPDB	更新
1299	Online HDD/SSD Flash Component for VMware ESXi - MB6000JVYYV Drive	CP055328.zip	MB6000JVYYV	HPD2 (K)	HPD2	更新
1300	Online HDD/SSD Flash Component for VMware ESXi - MB6000JVYZD and MB4000JVYZC Drives	CP055329.zip	MB6000JVYZD	HPD4 (I)	HPD4	更新
1301	Online HDD/SSD Flash Component for VMware ESXi - MB6000JVYZD and MB4000JVYZC Drives	CP055329.zip	MB4000JVYZC	HPD4 (I)	HPD4	更新
1302	Online HDD/SSD Flash Component for VMware ESXi - MB8000JFECQ Drive	CP055331.zip	MB8000JFECQ	HPD7 (J)	HPD7	更新
1303	Online HDD/SSD Flash Component for VMware ESXi - MM1000JEFRB and	CP053416.zip	MM1000JEFRB	HPDA (B)	HPDA	更新

	MM2000JEFRC Drives					
1304	Online HDD/SSD Flash Component for VMware ESXi - MM1000JEFRC and MM2000JEFRC Drives	CP053416.zip	MM2000JEFRC	HPDA (B)	HPDA	更新
1305	Online HDD/SSD Flash Component for VMware ESXi - MM1000JFJTH Drive	CP053418.zip	MM1000JFJTH	HPD5 (B)	HPD5	更新
1306	Online HDD/SSD Flash Component for VMware ESXi - MO000400JFWFN, MO000800JFWFP, MO001600JFWQ, MO003200JFWWR, MO000960JFWWT, MO001920JFWFU and MO003840JFWV Drives	CP055339.zip	MO000400JFWFN	HPD5 (H)	HPD5	更新
1307	Online HDD/SSD Flash Component for VMware ESXi - MO000400JFWFN, MO000800JFWFP, MO001600JFWQ, MO003200JFWWR, MO000960JFWWT, MO001920JFWFU and MO003840JFWV Drives	CP055339.zip	MO000800JFWFP	HPD5 (H)	HPD5	更新
1308	Online HDD/SSD Flash Component for VMware ESXi - MO000400JFWFN, MO000800JFWFP, MO001600JFWQ, MO003200JFWWR, MO000960JFWWT, MO001920JFWFU and MO003840JFWV Drives	CP055339.zip	MO001600JFWQ	HPD5 (H)	HPD5	更新
1309	Online HDD/SSD Flash Component for VMware ESXi - MO000400JFWFN, MO000800JFWFP, MO001600JFWQ, MO003200JFWWR, MO000960JFWWT, MO001920JFWFU and MO003840JFWV Drives	CP055339.zip	MO003200JFWWR	HPD5 (H)	HPD5	更新
1310	Online HDD/SSD Flash Component for VMware ESXi - MO000400JFWFN, MO000800JFWFP, MO001600JFWQ, MO003200JFWWR, MO000960JFWWT, MO001920JFWFU and MO003840JFWV Drives	CP055339.zip	MO000960JFWWT	HPD5 (H)	HPD5	更新
1311	Online HDD/SSD Flash Component for VMware ESXi - MO000400JFWFN, MO000800JFWFP, MO001600JFWQ, MO003200JFWWR, MO000960JFWWT, MO001920JFWFU and MO003840JFWV Drives	CP055339.zip	MO001920JFWFU	HPD5 (H)	HPD5	更新
1312	Online HDD/SSD Flash Component for VMware ESXi - MO000400JFWFN, MO000800JFWFP,	CP055339.zip	MO003840JFWV	HPD5 (H)	HPD5	更新

	MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives					
1313	Online HDD/SSD Flash Component for VMware ESXi - MO000400JUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP055340.zip	MO000400JUFT	HPD3 (E)	HPD3	更新
1314	Online HDD/SSD Flash Component for VMware ESXi - MO000400JUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP055340.zip	MO000800JWUF U	HPD3 (E)	HPD3	更新
1315	Online HDD/SSD Flash Component for VMware ESXi - MO000400JUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP055340.zip	MO001600JWUFV	HPD3 (E)	HPD3	更新
1316	Online HDD/SSD Flash Component for VMware ESXi - MO000400JUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP055340.zip	MO003200JWUG A	HPD3 (E)	HPD3	更新
1317	Online HDD/SSD Flash Component for VMware ESXi - MO000400JUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP055340.zip	MO006400JWUG B	HPD3 (E)	HPD3	更新
1318	Online HDD/SSD Flash Component for VMware ESXi - MO000400JUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP055340.zip	EO000400JWUGC	HPD3 (E)	HPD3	更新
1319	Online HDD/SSD Flash	CP055340.zip	EO000800JWUGD	HPD3 (E)	HPD3	更新

	Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives					
1320	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP055340.zip	EO001600JWUGE	HPD3 (E)	HPD3	更新
1321	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP055405.zip	MO000800JXBEV	HPD1 (D)	HPD1	更新
1322	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP055405.zip	MO001600JXBFP	HPD1 (D)	HPD1	更新
1323	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP055405.zip	MO003200JXBFO	HPD1 (D)	HPD1	更新
1324	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO,	CP055405.zip	MO006400JXBFR	HPD1 (D)	HPD1	更新



	MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives					
1325	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP055405.zip	MO000960JXBFA	HPD1 (D)	HPD1	更新
1326	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP055405.zip	MO001920JXBFT	HPD1 (D)	HPD1	更新
1327	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP055405.zip	MO003840JXBFU	HPD1 (D)	HPD1	更新
1328	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP055405.zip	MO007680JXBGA	HPD1 (D)	HPD1	更新
1329	Online HDD/SSD Flash	CP055405.zip	MO015360JXBFV	HPD1 (D)	HPD1	更新

	Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives					
1330	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP055405.zip	EO000400JXBEU	HPD1 (D)	HPD1	更新
1331	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP055405.zip	EO000800JXBFL	HPD1 (D)	HPD1	更新
1332	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP055405.zip	EO001600JXBFN	HPD1 (D)	HPD1	更新
1333	Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	CP055341.zip	EO0800JEFPF	HPD3 (K)	HPD3	更新
1334	Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV,	CP055341.zip	EO0400JEFPE	HPD3 (K)	HPD3	更新

	MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives					
1335	Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	CP055341.zip	EO0200JEFPD	HPD3 (K)	HPD3	更新
1336	Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	CP055341.zip	MO1600JEFPC	HPD3 (K)	HPD3	更新
1337	Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	CP055341.zip	MO0800JEFPB	HPD3 (K)	HPD3	更新
1338	Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	CP055341.zip	MO0400JEFPA	HPD3 (K)	HPD3	更新
1339	Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	CP055341.zip	MO0200JEFNV	HPD3 (K)	HPD3	更新
1340	Online HDD/SSD Flash Component for VMware ESXi - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	CP055358.zip	MO0400JFFCF	HPD9 (F)	HPD9	更新
1341	Online HDD/SSD Flash Component for VMware ESXi - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	CP055358.zip	MO0800JFFCH	HPD9 (F)	HPD9	更新
1342	Online HDD/SSD Flash Component for VMware ESXi - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	CP055358.zip	MO1600JFFCK	HPD9 (F)	HPD9	更新
1343	Online HDD/SSD Flash Component for VMware ESXi - MO0400JFFCF,	CP055358.zip	MO3200JFFCL	HPD9 (F)	HPD9	更新

	MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives					
1344	Online HDD/SSD Flash Component for VMware ESXi - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	CP055337.zip	VK000960JWSSQ	HPD8 (G)	HPD8	更新
1345	Online HDD/SSD Flash Component for VMware ESXi - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	CP055337.zip	VK001920JWSSR	HPD8 (G)	HPD8	更新
1346	Online HDD/SSD Flash Component for VMware ESXi - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	CP055337.zip	VK003840JWSST	HPD8 (G)	HPD8	更新
1347	Online HDD/SSD Flash Component for VMware ESXi - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	CP055337.zip	VK007680JWSSU	HPD8 (G)	HPD8	更新
1348	Online HDD/SSD Flash Component for VMware ESXi - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	CP055337.zip	VO015300JWSSV	HPD8 (G)	HPD8	更新
1349	Online HDD/SSD Flash Component for VMware ESXi - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	CP055409.zip	VK0400JEABD	HPD4 (D)	HPD4	更新
1350	Online HDD/SSD Flash Component for VMware ESXi - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	CP055409.zip	VK0800JEABE	HPD4 (D)	HPD4	更新
1351	Online HDD/SSD Flash Component for VMware ESXi - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	CP055409.zip	VO1600JEABF	HPD4 (D)	HPD4	更新
1352	Online HDD/SSD Flash Component for VMware ESXi - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDVA Drives	CP055360.zip	VO000480JWDAR	HPD8 (I)	HPD8	更新
1353	Online HDD/SSD Flash Component for VMware ESXi - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDVA Drives	CP055360.zip	VO000960JWDAT	HPD8 (I)	HPD8	更新
1354	Online HDD/SSD Flash	CP055360.zip	VO001920JWDAU	HPD8 (I)	HPD8	更新

	Component for VMware ESXi - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives					
1355	Online HDD/SSD Flash Component for VMware ESXi - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	CP055360.zip	VO003840JWDAV	HPD8 (I)	HPD8	更新
1356	Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	CP055403.zip	VO000800JWZJP	HPD4 (D)	HPD4	更新
1357	Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	CP055403.zip	VO001600JWZJQ	HPD4 (D)	HPD4	更新
1358	Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	CP055403.zip	VO003200JWZJR	HPD4 (D)	HPD4	更新
1359	Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	CP055403.zip	VO006400JWZJT	HPD4 (D)	HPD4	更新
1360	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCB, EO000400JWTCV, EO000800JWTCW, EO001600JWTCX Drives	CP055406.zip	VO000960JWTBK	HPD9 (D)	HPD9	更新
1361	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCB, EO000400JWTCV, EO000800JWTCW, EO001600JWTCX Drives	CP055406.zip	VO001920JWTBL	HPD9 (D)	HPD9	更新
1362	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK,	CP055406.zip	VO003840JWTBN	HPD9 (D)	HPD9	更新

	VO001920JWTL, VO003840JWTLBN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA, EO001600JWTLCTB Drives					
1363	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTLBK, VO001920JWTL, VO003840JWTLBN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA, EO001600JWTLCTB Drives	CP055406.zip	VO007680JWTLBP	HPD9 (D)	HPD9	更新
1364	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTLBK, VO001920JWTL, VO003840JWTLBN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA, EO001600JWTLCTB Drives	CP055406.zip	MO000400JWTLB Q	HPD9 (D)	HPD9	更新
1365	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTLBK, VO001920JWTL, VO003840JWTLBN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA, EO001600JWTLCTB Drives	CP055406.zip	MO000800JWTLBR	HPD9 (D)	HPD9	更新
1366	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTLBK, VO001920JWTL, VO003840JWTLBN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA,	CP055406.zip	MO001600JWTLBT	HPD9 (D)	HPD9	更新

	EO001600JWTCB Drives					
1367	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA, EO001600JWTCB Drives	CP055406.zip	MO003200JWTKU	HPD9 (D)	HPD9	更新
1368	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA, EO001600JWTCB Drives	CP055406.zip	MO006400JWTKD	HPD9 (D)	HPD9	更新
1369	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA, EO001600JWTCB Drives	CP055406.zip	EO000400JWTKV	HPD9 (D)	HPD9	更新
1370	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA, EO001600JWTCB Drives	CP055406.zip	EO000800JWTKA	HPD9 (D)	HPD9	更新
1371	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT,	CP055406.zip	EO001600JWTKB	HPD9 (D)	HPD9	更新

	MO003200JWTCB, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB, EO001600JWTCB Drives					
1372	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTCB, VO001920JWTCB, VO003840JWTCB, VO007680JWTCB, MO000400JWTCB, MO000800JWTCB, MO001600JWTCB, MO003200JWTCB, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB, EO001600JWTCB Drives	CP055406.zip	EO003200JWTCB	HPD9 (D)	HPD9	更新
1373	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTCB, VO001920JWTCB, VO003840JWTCB, VO007680JWTCB, MO000400JWTCB, MO000800JWTCB, MO001600JWTCB, MO003200JWTCB, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB, EO001600JWTCB Drives	CP055406.zip	MO001920JWTCB WV	HPD9 (D)	HPD9	更新
1374	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP053720.zip	VO000960JWZJF	HPD4 (D)	HPD4	更新
1375	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP053720.zip	VO001920JWZJH	HPD4 (D)	HPD4	更新
1376	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP053720.zip	VO003840JWZJK	HPD4 (D)	HPD4	更新
1377	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP053720.zip	VO007680JWZJL	HPD4 (D)	HPD4	更新
1378	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK,	CP053720.zip	VO015360JWZJN	HPD4 (D)	HPD4	更新



	VO007680JWZJL and VO015360JWZJN Drives					
1379	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP053869.zip	VO000960RWUEV	HPD7	HPD7	更新
1380	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP053869.zip	VO001920RWUFA	HPD7	HPD7	更新
1381	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP053869.zip	VO003840RWUFB	HPD7	HPD7	更新
1382	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP053869.zip	VO007680RWUFC	HPD7	HPD7	更新
1383	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP053869.zip	VO000960RWUFD	HPD7	HPD7	更新
1384	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP053869.zip	VO001920RWUFE	HPD7	HPD7	更新
1385	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP053869.zip	VO003840RWUFF	HPD7	HPD7	更新
1386	Online HDD/SSD Flash	CP055418.zip	VO003840XZCLT	HPD2 (C)	HPD2	更新

	Component for VMware ESXi - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives					
1387	Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	CP055418.zip	VO007680XZCMB	HPD2 (C)	HPD2	更新
1388	Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	CP055418.zip	MO000800XZCLQ	HPD2 (C)	HPD2	更新
1389	Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	CP055418.zip	MO001600XZCLV	HPD2 (C)	HPD2	更新
1390	Online HDD/SSD Flash Component for VMware ESXi - VO007680JWCNK and VO015300JWCNL Drives	CP055352.zip	VO007680JWCNK	HPD8 (G)	HPD8	更新
1391	Online HDD/SSD Flash Component for VMware ESXi - VO007680JWCNK and VO015300JWCNL Drives	CP055352.zip	VO015300JWCNL	HPD8 (G)	HPD8	更新
1392	Online HDD/SSD Flash Component for VMware ESXi - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	CP055357.zip	VO0480JFDGT	HPD9 (F)	HPD9	更新
1393	Online HDD/SSD Flash Component for VMware ESXi - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	CP055357.zip	VO0960JFDGU	HPD9 (F)	HPD9	更新
1394	Online HDD/SSD Flash Component for VMware ESXi - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	CP055357.zip	VO1920JFDGV	HPD9 (F)	HPD9	更新
1395	Online HDD/SSD Flash Component for VMware ESXi - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	CP055357.zip	VO3840JFDHA	HPD9 (F)	HPD9	更新
1396	Online HDD/SSD Flash Component for VMware ESXi - VO1920JEUQQ Drive	CP055353.zip	VO1920JEUQQ	HPD3 (K)	HPD3	更新
1397	Online HDD/SSD Flash Component for VMware ESXi -MB014000JWRTH, MB012000JWRTE and MB010000JWRTE Drives	CP055309.zip	MB014000JWRTH	HPD2 (H)	HPD2	更新
1398	Online HDD/SSD Flash Component for VMware ESXi -MB014000JWRTH,	CP055309.zip	MB012000JWRTE	HPD2 (H)	HPD2	更新

	MB012000JWRTF and MB010000JWRTE Drives					
1399	Online HDD/SSD Flash Component for VMware ESXi -MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	CP055309.zip	MB010000JWRTE	HPD2 (H)	HPD2	更新
1400	Online HDD/SSD Flash Component for Windows (x64) - EG000300JWBHR Drive	cp052927.exe	EG000300JWBHR	HPD5 (D)	HPD5	更新
1401	Online HDD/SSD Flash Component for Windows (x64) - EG000300JWFVB Drive	cp052926.exe	EG000300JWFVB	HPD3 (D)	HPD3	更新
1402	Online HDD/SSD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	cp052984.exe	EG000300JWSJP	HPD5 (C)	HPD5	更新
1403	Online HDD/SSD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	cp052984.exe	EG000600JWJNH	HPD5 (C)	HPD5	更新
1404	Online HDD/SSD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	cp052984.exe	EG001200JWJNK	HPD5 (C)	HPD5	更新
1405	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWEBH and EG000300JWEBF Drives	cp055205.exe	EG000600JWEBH	HPD5 (E)	HPD5	更新
1406	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWEBH and EG000300JWEBF Drives	cp055205.exe	EG000300JWEBF	HPD5 (E)	HPD5	更新
1407	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWFUV and EG001200JWFVA Drives	cp052928.exe	EG000600JWFUV	HPD4 (D)	HPD4	更新
1408	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWFUV and EG001200JWFVA Drives	cp052928.exe	EG001200JWFVA	HPD4 (D)	HPD4	更新
1409	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	cp055388.exe	EG000600JWJNP	HPD8	HPD8	更新
1410	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	cp055388.exe	EG001200JWJNQ	HPD8	HPD8	更新
1411	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	cp055388.exe	EG001200MXJQU	HPD8	HPD8	更新

1412	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	cp055388.exe	EG000600JXLVV	HPD8	HPD8	更新
1413	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives	cp055388.exe	EG001200JXLWA	HPD8	HPD8	更新
1414	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWFVC Drive	cp052930.exe	EG001800JWFVC	HPD4 (D)	HPD4	更新
1415	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNL and EG002400JWJNN Drives	cp052982.exe	EG001800JWJNL	HPD5 (C)	HPD5	更新
1416	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNL and EG002400JWJNN Drives	cp052982.exe	EG002400JWJNN	HPD5 (C)	HPD5	更新
1417	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	cp055734.exe	EG001800JWJNR	HPDA (B)	HPDA	更新
1418	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	cp055734.exe	EG002400JWJNT	HPDA (B)	HPDA	更新
1419	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	cp055734.exe	EG002400MXJQT	HPDA (B)	HPDA	更新
1420	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	cp055734.exe	EG001800JXLWB	HPDA (B)	HPDA	更新
1421	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives	cp055734.exe	EG002400JXLWC	HPDA (B)	HPDA	更新
1422	Online HDD/SSD Flash Component for Windows (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSP and EG0900FCSPN Drives	cp055093.exe	EG0300FCSPH	HPD2 (I)	HPD2	更新
1423	Online HDD/SSD Flash	cp055093.exe	EG0450FCSPK	HPD2 (I)	HPD2	更新

	Component for Windows (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSPH and EG0900FCSPN Drives					
1424	Online HDD/SSD Flash Component for Windows (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSPH and EG0900FCSPN Drives	cp055093.exe	EG0600FCSPH	HPD2 (I)	HPD2	更新
1425	Online HDD/SSD Flash Component for Windows (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSPH and EG0900FCSPN Drives	cp055093.exe	EG0900FCSPN	HPD2 (I)	HPD2	更新
1426	Online HDD/SSD Flash Component for Windows (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	cp055094.exe	EG0300JEHLV	HPD5 (J)	HPD5	更新
1427	Online HDD/SSD Flash Component for Windows (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	cp055094.exe	EG0600JEHMA	HPD5 (J)	HPD5	更新
1428	Online HDD/SSD Flash Component for Windows (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	cp055094.exe	EG0900JEHMB	HPD5 (J)	HPD5	更新
1429	Online HDD/SSD Flash Component for Windows (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	cp055094.exe	EG1200JEHMC	HPD5 (J)	HPD5	更新
1430	Online HDD/SSD Flash Component for Windows (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	cp052931.exe	EG0600JEMCV	HPD6 (I)	HPD6	更新
1431	Online HDD/SSD Flash Component for Windows (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	cp052931.exe	EG1200JEMDA	HPD6 (I)	HPD6	更新
1432	Online HDD/SSD Flash Component for Windows (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	cp052931.exe	EG0300JFCKA	HPD6 (I)	HPD6	更新
1433	Online HDD/SSD Flash Component for Windows (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	cp052931.exe	EG0900JFCKB	HPD6 (I)	HPD6	更新
1434	Online HDD/SSD Flash Component for Windows (x64) - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	cp052932.exe	EG0600JETKA	HPD8 (D)	HPD8	更新
1435	Online HDD/SSD Flash Component for Windows (x64) - EG0600JETKA,	cp052932.exe	EG0900JETKB	HPD8 (D)	HPD8	更新

	EG0900JETKB and EG1200JETKC Drives					
1436	Online HDD/SSD Flash Component for Windows (x64) - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	cp052932.exe	EG1200JETKC	HPD8 (D)	HPD8	更新
1437	Online HDD/SSD Flash Component for Windows (x64) - EG1800JEHMD Drive	cp055095.exe	EG1800JEHMD	HPD6 (J)	HPD6	更新
1438	Online HDD/SSD Flash Component for Windows (x64) - EG1800JEMDB Drive	cp052933.exe	EG1800JEMDB	HPD5 (I)	HPD5	更新
1439	Online HDD/SSD Flash Component for Windows (x64) - EG1800JFHMH Drive	cp052934.exe	EG1800JFHMH	HPD8 (D)	HPD8	更新
1440	Online HDD/SSD Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	cp055383.exe	EH000300JWCPK	HPD9	HPD9	更新
1441	Online HDD/SSD Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	cp055383.exe	EH000600JWCPL	HPD9	HPD9	更新
1442	Online HDD/SSD Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	cp055383.exe	EH000900JWCPN	HPD9	HPD9	更新
1443	Online HDD/SSD Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	cp055383.exe	EH000900JXLVU	HPD9	HPD9	更新
1444	Online HDD/SSD Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	cp055383.exe	EH000300JXLVR	HPD9	HPD9	更新
1445	Online HDD/SSD Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	cp055383.exe	EH000600JXLVT	HPD9	HPD9	更新
1446	Online HDD/SSD Flash Component for Windows (x64) - EH000600JWCPF and EH000900JWCPH Drives	cp055731.exe	EH000900JWCPH	HPDB (B)	HPDB	更新
1447	Online HDD/SSD Flash Component for Windows (x64) - EH000600JWCPF and EH000900JWCPH Drives	cp055731.exe	EH000600JWCPF	HPDB (B)	HPDB	更新
1448	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPK and EH000600JWHPH Drives	cp055197.exe	EH000900JWHPK	HPD8 (B)	HPD8	更新
1449	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPK and EH000600JWHPH Drives	cp055197.exe	EH000600JWHPH	HPD8 (B)	HPD8	更新
1450	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and	cp055198.exe	EH000900JWHPP	HPD8 (B)	HPD8	更新

	EH000300JWHPL Drives					
1451	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	cp055198.exe	EH000600JWHPN	HPD8 (B)	HPD8	更新
1452	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	cp055198.exe	EH000300JWHPL	HPD8 (B)	HPD8	更新
1453	Online HDD/SSD Flash Component for Windows (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	cp055096.exe	EH0300JDXBA	HPD5 (I)	HPD5	更新
1454	Online HDD/SSD Flash Component for Windows (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	cp055096.exe	EH0450JDXBB	HPD5 (I)	HPD5	更新
1455	Online HDD/SSD Flash Component for Windows (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	cp055096.exe	EH0600JDXBC	HPD5 (I)	HPD5	更新
1456	Online HDD/SSD Flash Component for Windows (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	cp055097.exe	EH0300JDYTH	HPD6 (J)	HPD6	更新
1457	Online HDD/SSD Flash Component for Windows (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	cp055097.exe	EH0450JDYTK	HPD6 (J)	HPD6	更新
1458	Online HDD/SSD Flash Component for Windows (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	cp055097.exe	EH0600JDYTL	HPD6 (J)	HPD6	更新
1459	Online HDD/SSD Flash Component for Windows (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	cp055098.exe	EH0300JEDHC	HPD4 (K)	HPD4	更新
1460	Online HDD/SSD Flash Component for Windows (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	cp055098.exe	EH0450JEDHD	HPD4 (K)	HPD4	更新
1461	Online HDD/SSD Flash Component for Windows (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	cp055098.exe	EH0600JEDHE	HPD4 (K)	HPD4	更新
1462	Online HDD/SSD Flash Component for Windows (x64) - EH0600JDYTN Drive	cp053020.exe	EH0600JDYTN	HPD7 (G)	HPD7	
1463	Online HDD/SSD Flash Component for Windows (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	cp053091.exe	EK0800JVYPN	HPD7 (E)	HPD7	
1464	Online HDD/SSD Flash Component for Windows	cp053091.exe	EO1600JVYPP	HPD7 (E)	HPD7	

	(x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives					
1465	Online HDD/SSD Flash Component for Windows (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	cp053091.exe	MK0800JVYPQ	HPD7 (E)	HPD7	
1466	Online HDD/SSD Flash Component for Windows (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	cp053091.exe	MO1600JVYPR	HPD7 (E)	HPD7	
1467	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp055115.exe	EO000400JWDKP	HPD2 (G)	HPD2	更新
1468	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp055115.exe	EO000800JWDKQ	HPD2 (G)	HPD2	更新
1469	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp055115.exe	EO001600JWDKR	HPD2 (G)	HPD2	更新
1470	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp055115.exe	MO000400JWDK U	HPD2 (G)	HPD2	更新
1471	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp055115.exe	MO000800JWDK V	HPD2 (G)	HPD2	更新
1472	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp055115.exe	MO001600JWDLA	HPD2 (G)	HPD2	更新



	MO003200JWDLB Drives					
1473	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp055115.exe	MO003200JWDLB	HPD2 (G)	HPD2	更新
1474	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCCH, MO000800PXDBP, MO001600PXDC, MO003200PXDCD, MO006400PXDC, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp052792.exe	EO000400PXDBQ	HPD3 (B)	HPD3	
1475	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCCH, MO000800PXDBP, MO001600PXDC, MO003200PXDCD, MO006400PXDC, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp052792.exe	EO000800PXDCCK	HPD3 (B)	HPD3	
1476	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCCH, MO000800PXDBP, MO001600PXDC, MO003200PXDCD, MO006400PXDC, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp052792.exe	EO001600PXDCCH	HPD3 (B)	HPD3	
1477	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCCH, MO000800PXDBP, MO001600PXDC, MO003200PXDCD, MO006400PXDC, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp052792.exe	MO000800PXDBP	HPD3 (B)	HPD3	

1478	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	cp052792.exe	MO001600PXDCC	HPD3 (B)	HPD3	
1479	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	cp052792.exe	MO003200PXDCCD	HPD3 (B)	HPD3	
1480	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	cp052792.exe	MO006400PXDCE	HPD3 (B)	HPD3	
1481	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	cp052792.exe	VO000960PXDDBN	HPD3 (B)	HPD3	
1482	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDDBN,	cp052792.exe	VO001920PXDDBR	HPD3 (B)	HPD3	

	VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives					
1483	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCC, MO003200PXDCC, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp052792.exe	VO003840PXDBT	HPD3 (B)	HPD3	
1484	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCC, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp052792.exe	VO007680PXDBU	HPD3 (B)	HPD3	
1485	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCC, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp052792.exe	VO015300PXDBV	HPD3 (B)	HPD3	
1486	Online HDD/SSD Flash Component for Windows (x64) - MB002000JWFVN and MB004000JWFVP Drives	cp055135.exe	MB002000JWFVN	HPD4 (E)	HPD4	更新
1487	Online HDD/SSD Flash Component for Windows (x64) - MB002000JWFVN and MB004000JWFVP Drives	cp055135.exe	MB004000JWFVP	HPD4 (E)	HPD4	更新
1488	Online HDD/SSD Flash Component for Windows (x64) - MB002000JYDNE and MB004000JYDPB Drives	cp052802.exe	MB002000JYDNE	HPD2 (B)	HPD2	
1489	Online HDD/SSD Flash Component for Windows (x64) - MB002000JYDNE and MB004000JYDPB Drives	cp052802.exe	MB004000JYDPB	HPD2 (B)	HPD2	
1490	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWFVK and MB006000JWFVL Drives	cp052939.exe	MB004000JWFVK	HPD4 (D)	HPD4	更新

1491	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWFVK and MB006000JWFVL Drives	cp052939.exe	MB006000JWFVL	HPD4 (D)	HPD4	更新
1492	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWKGU Drive	cp052940.exe	MB004000JWKGU	HPD2 (D)	HPD2	更新
1493	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWWQB and MB002000JWWQA Drives	cp055209.exe	MB004000JWWQ B	HPD8 (B)	HPD8	更新
1494	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWWQB and MB002000JWWQA Drives	cp055209.exe	MB002000JWWQ A	HPD8 (B)	HPD8	更新
1495	Online HDD/SSD Flash Component for Windows (x64) - MB006000JWKGN Drive	cp052943.exe	MB006000JWKGN	HPD2 (D)	HPD2	更新
1496	Online HDD/SSD Flash Component for Windows (x64) - MB006000JYDNF and MB008000JYDPC Drives	cp052801.exe	MB006000JYDNF	HPD2 (B)	HPD2	
1497	Online HDD/SSD Flash Component for Windows (x64) - MB006000JYDNF and MB008000JYDPC Drives	cp052801.exe	MB008000JYDPC	HPD2 (B)	HPD2	
1498	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWJRQ and MB006000JWJRP Drives	cp052773.exe	MB008000JWJRQ	HPD9 (C)	HPD9	
1499	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWJRQ and MB006000JWJRP Drives	cp052773.exe	MB006000JWJRP	HPD9 (C)	HPD9	
1500	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWRD Drive	cp055148.exe	MB008000JWRD	HPD2 (E)	HPD2	更新
1501	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWWQP and MB006000JWWQN Drives	cp055208.exe	MB008000JWWQ P	HPD8 (B)	HPD8	更新
1502	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWWQP and MB006000JWWQN Drives	cp055208.exe	MB006000JWWQ N	HPD8 (B)	HPD8	更新
1503	Online HDD/SSD Flash Component for Windows (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	cp052803.exe	MB010000GWZG T	HPG1 (B)	HPG1	
1504	Online HDD/SSD Flash Component for Windows (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	cp052803.exe	MB012000GWZG U	HPG1 (B)	HPG1	
1505	Online HDD/SSD Flash Component for Windows	cp052803.exe	MB014000GWZG V	HPG1 (B)	HPG1	

	(x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives					
1506	Online HDD/SSD Flash Component for Windows (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	cp052803.exe	MB016000GWZHD	HPG1 (B)	HPG1	
1507	Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	cp052419.exe	MB010000GYDKP	HPG1	HPG1	
1508	Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	cp052419.exe	MB012000GYCJL	HPG1	HPG1	
1509	Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	cp052419.exe	MB014000GYCJT	HPG1	HPG1	
1510	Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	cp052419.exe	MB016000GYDKQ	HPG1	HPG1	
1511	Online HDD/SSD Flash Component for Windows (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	cp052419.exe	MB018000GYDKR	HPG1	HPG1	
1512	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWAYK and MB008000JWAYH Drives	cp055149.exe	MB010000JWAYK	HPD6 (D)	HPD6	更新
1513	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWAYK and MB008000JWAYH Drives	cp055149.exe	MB008000JWAYH	HPD6 (D)	HPD6	更新
1514	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	cp055194.exe	MB010000JWZHA	HPD4 (B)	HPD4	更新
1515	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	cp055194.exe	MB012000JWZHB	HPD4 (B)	HPD4	更新
1516	Online HDD/SSD Flash	cp055194.exe	MB014000JWZHC	HPD4 (B)	HPD4	更新

	Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives					
1517	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	cp055194.exe	MB016000JWZHE	HPD4 (B)	HPD4	更新
1518	Online HDD/SSD Flash Component for Windows (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	cp055212.exe	MB010000JYDKK	HPD1 (B)	HPD1	新規追加
1519	Online HDD/SSD Flash Component for Windows (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	cp055212.exe	MB012000JYCJF	HPD1 (B)	HPD1	新規追加
1520	Online HDD/SSD Flash Component for Windows (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	cp055212.exe	MB014000JYCJV	HPD1 (B)	HPD1	新規追加
1521	Online HDD/SSD Flash Component for Windows (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	cp055212.exe	MB016000JYDKL	HPD1 (B)	HPD1	新規追加
1522	Online HDD/SSD Flash Component for Windows (x64) - MB010000JYDKK, MB012000JYCJF, MB014000JYCJV, MB016000JYDKL and MB018000JYDKN Drives	cp055212.exe	MB018000JYDKN	HPD1 (B)	HPD1	新規追加
1523	Online HDD/SSD Flash Component for Windows (x64) - MB012000JWDFD Drive	cp055174.exe	MB012000JWDFD	HPD3 (E)	HPD3	更新
1524	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	cp055152.exe	MB014000JWRTH	HPD2 (G)	HPD2	更新
1525	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	cp055152.exe	MB012000JWRTF	HPD2 (G)	HPD2	更新
1526	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	cp055152.exe	MB010000JWRTE	HPD2 (G)	HPD2	更新
1527	Online HDD/SSD Flash	cp052774.exe	MB014000JWTFD	HPD8 (C)	HPD8	

	Component for Windows (x64) - MB014000JWTFD and MB012000JWTFD Drives					
1528	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWTFD and MB012000JWTFD Drives	cp052774.exe	MB012000JWTFD	HPD8 (C)	HPD8	
1529	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWUDB Drive	cp055168.exe	MB014000JWUDB	HPD3 (E)	HPD3	更新
1530	Online HDD/SSD Flash Component for Windows (x64) - MB016000JWXKH Drive	cp055195.exe	MB016000JWXKH	HPDA	HPDA	更新
1531	Online HDD/SSD Flash Component for Windows (x64) - MB016000JXLBA and MB018000JXLAU Drives	cp055202.exe	MB016000JXLBA	HPD2 (D)	HPD2	更新
1532	Online HDD/SSD Flash Component for Windows (x64) - MB016000JXLBA and MB018000JXLAU Drives	cp055202.exe	MB018000JXLAU	HPD2 (D)	HPD2	更新
1533	Online HDD/SSD Flash Component for Windows (x64) - MB018000JXMTH and MB020000JXMTP Drives	cp055622.exe	MB020000JXMTP	HPD1	HPD1	新規追加
1534	Online HDD/SSD Flash Component for Windows (x64) - MB018000JXMTH and MB020000JXMTP Drives	cp055622.exe	MB018000JXMTH	HPD1	HPD1	新規追加
1535	Online HDD/SSD Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	cp055154.exe	MB1000JVYZL	HPD3 (G)	HPD3	更新
1536	Online HDD/SSD Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	cp055154.exe	MB2000JVYZN	HPD3 (G)	HPD3	更新
1537	Online HDD/SSD Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	cp055154.exe	MB3000JVYZP	HPD3 (G)	HPD3	更新
1538	Online HDD/SSD Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	cp055154.exe	MB4000JVYZQ	HPD3 (G)	HPD3	更新
1539	Online HDD/SSD Flash Component for Windows (x64) - MB2000JFDSL and MB4000JFDSN Drives	cp052952.exe	MB2000JFDSL	HPD4 (I)	HPD4	更新
1540	Online HDD/SSD Flash Component for Windows (x64) - MB2000JFDSL and MB4000JFDSN Drives	cp052952.exe	MB4000JFDSN	HPD4 (I)	HPD4	更新
1541	Online HDD/SSD Flash Component for Windows (x64) - MB2000JFEML and MB4000JFEMN Drives	cp053033.exe	MB2000JFEML	HPD6 (H)	HPD6	
1542	Online HDD/SSD Flash Component for Windows (x64) - MB2000JFEML and	cp053033.exe	MB4000JFEMN	HPD6 (H)	HPD6	

	MB4000JFEMN Drives					
1543	Online HDD/SSD Flash Component for Windows (x64) - MB2000JFEPA and MB4000JFEPB Drives	cp055156.exe	MB2000JFEPA	HPD5 (I)	HPD5	更新
1544	Online HDD/SSD Flash Component for Windows (x64) - MB2000JFEPA and MB4000JFEPB Drives	cp055156.exe	MB4000JFEPB	HPD5 (I)	HPD5	更新
1545	Online HDD/SSD Flash Component for Windows (x64) - MB4000JEFNC and MB6000JEFND Drives	cp055158.exe	MB4000JEFNC	HPD9 (I)	HPD9	更新
1546	Online HDD/SSD Flash Component for Windows (x64) - MB4000JEFNC and MB6000JEFND Drives	cp055158.exe	MB6000JEFND	HPD9 (I)	HPD9	更新
1547	Online HDD/SSD Flash Component for Windows (x64) - MB4000JEQNL and MB6000JEQNN Drives	cp055159.exe	MB4000JEQNL	HPDB (I)	HPDB	更新
1548	Online HDD/SSD Flash Component for Windows (x64) - MB4000JEQNL and MB6000JEQNN Drives	cp055159.exe	MB6000JEQNN	HPDB (I)	HPDB	更新
1549	Online HDD/SSD Flash Component for Windows (x64) - MB4000JEXYA and MB6000JEXYB Drives	cp052953.exe	MB4000JEXYA	HPD9 (G)	HPD9	更新
1550	Online HDD/SSD Flash Component for Windows (x64) - MB4000JEXYA and MB6000JEXYB Drives	cp052953.exe	MB6000JEXYB	HPD9 (G)	HPD9	更新
1551	Online HDD/SSD Flash Component for Windows (x64) - MB6000JEQUV and MB8000JEQVA Drives	cp055162.exe	MB6000JEQUV	HPDB (I)	HPDB	更新
1552	Online HDD/SSD Flash Component for Windows (x64) - MB6000JEQUV and MB8000JEQVA Drives	cp055162.exe	MB8000JEQVA	HPDB (I)	HPDB	更新
1553	Online HDD/SSD Flash Component for Windows (x64) - MB6000JVYYV Drive	cp055163.exe	MB6000JVYYV	HPD2 (I)	HPD2	更新
1554	Online HDD/SSD Flash Component for Windows (x64) - MB6000JVYZD and MB4000JVYZC Drives	cp055164.exe	MB6000JVYZD	HPD4 (G)	HPD4	更新
1555	Online HDD/SSD Flash Component for Windows (x64) - MB6000JVYZD and MB4000JVYZC Drives	cp055164.exe	MB4000JVYZC	HPD4 (G)	HPD4	更新
1556	Online HDD/SSD Flash Component for Windows (x64) - MB8000JFECQ Drive	cp055166.exe	MB8000JFECQ	HPD7 (H)	HPD7	更新
1557	Online HDD/SSD Flash Component for Windows (x64) - MM1000JEFRB and MM2000JEFRC Drives	cp052067.exe	MM1000JEFRB	HPDA	HPDA	
1558	Online HDD/SSD Flash Component for Windows (x64) - MM1000JEFRB and MM2000JEFRC Drives	cp052067.exe	MM2000JEFRC	HPDA	HPDA	
1559	Online HDD/SSD Flash Component for Windows (x64) - MM1000JFJTH Drive	cp052072.exe	MM1000JFJTH	HPD5	HPD5	



1560	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFWN, MO000800JWFWP, MO001600JFWQ, MO003200JFWR, MO000960JFWT, MO001920JFWU and MO003840JFWV Drives	cp055170.exe	MO000400JFWN	HPD5 (G)	HPD5	更新
1561	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFWN, MO000800JWFWP, MO001600JFWQ, MO003200JFWR, MO000960JFWT, MO001920JFWU and MO003840JFWV Drives	cp055170.exe	MO000800JFWP	HPD5 (G)	HPD5	更新
1562	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFWN, MO000800JWFWP, MO001600JFWQ, MO003200JFWR, MO000960JFWT, MO001920JFWU and MO003840JFWV Drives	cp055170.exe	MO001600JFWQ	HPD5 (G)	HPD5	更新
1563	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFWN, MO000800JWFWP, MO001600JFWQ, MO003200JFWR, MO000960JFWT, MO001920JFWU and MO003840JFWV Drives	cp055170.exe	MO003200JFWR	HPD5 (G)	HPD5	更新
1564	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFWN, MO000800JWFWP, MO001600JFWQ, MO003200JFWR, MO000960JFWT, MO001920JFWU and MO003840JFWV Drives	cp055170.exe	MO000960JFWT	HPD5 (G)	HPD5	更新
1565	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFWN, MO000800JWFWP, MO001600JFWQ, MO003200JFWR, MO000960JFWT, MO001920JFWU and MO003840JFWV Drives	cp055170.exe	MO001920JFWU	HPD5 (G)	HPD5	更新
1566	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFWN, MO000800JWFWP, MO001600JFWQ, MO003200JFWR, MO000960JFWT, MO001920JFWU and MO003840JFWV Drives	cp055170.exe	MO003840JFWV	HPD5 (G)	HPD5	更新
1567	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT,	cp055171.exe	MO000400JWUFT	HPD3 (E)	HPD3	更新

	MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives					
1568	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp055171.exe	MO000800JWUF U	HPD3 (E)	HPD3	更新
1569	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp055171.exe	MO001600JWUFV	HPD3 (E)	HPD3	更新
1570	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp055171.exe	MO003200JWUG A	HPD3 (E)	HPD3	更新
1571	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp055171.exe	MO006400JWUG B	HPD3 (E)	HPD3	更新
1572	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp055171.exe	EO000400JWUGC	HPD3 (E)	HPD3	更新
1573	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and	cp055171.exe	EO000800JWUGD	HPD3 (E)	HPD3	更新

	EO001600JWUGE Drives					
1574	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp055171.exe	EO001600JWUGE	HPD3 (E)	HPD3	更新
1575	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp055200.exe	MO000800JXBEV	HPD1 (D)	HPD1	更新
1576	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp055200.exe	MO001600JXBFP	HPD1 (D)	HPD1	更新
1577	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp055200.exe	MO003200JXBFO	HPD1 (D)	HPD1	更新
1578	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and	cp055200.exe	MO006400JXBFR	HPD1 (D)	HPD1	更新

	EO001600JXBFN Drives					
1579	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBVEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFO, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp055200.exe	MO000960JXBFA	HPD1 (D)	HPD1	更新
1580	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBVEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFO, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp055200.exe	MO001920JXBFT	HPD1 (D)	HPD1	更新
1581	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBVEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFO, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp055200.exe	MO003840JXBFO	HPD1 (D)	HPD1	更新
1582	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBVEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFO, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp055200.exe	MO007680JXBGA	HPD1 (D)	HPD1	更新
1583	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBVEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU,	cp055200.exe	MO015360JXBFO	HPD1 (D)	HPD1	更新

	MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives					
1584	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp055200.exe	EO000400JXBEU	HPD1 (D)	HPD1	更新
1585	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp055200.exe	EO000800JXBFL	HPD1 (D)	HPD1	更新
1586	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp055200.exe	EO001600JXBFN	HPD1 (D)	HPD1	更新
1587	Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	cp055172.exe	EO0800JEFPP	HPD3 (I)	HPD3	更新
1588	Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	cp055172.exe	EO0400JEFPE	HPD3 (I)	HPD3	更新
1589	Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV,	cp055172.exe	EO0200JEFPD	HPD3 (I)	HPD3	更新

	MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives					
1590	Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	cp055172.exe	MO1600JEFPC	HPD3 (I)	HPD3	更新
1591	Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	cp055172.exe	MO0800JEFPB	HPD3 (I)	HPD3	更新
1592	Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	cp055172.exe	MO0400JEFPA	HPD3 (I)	HPD3	更新
1593	Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	cp055172.exe	MO0200JEFNV	HPD3 (I)	HPD3	更新
1594	Online HDD/SSD Flash Component for Windows (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	cp055190.exe	MO0400JFFCF	HPD9 (F)	HPD9	更新
1595	Online HDD/SSD Flash Component for Windows (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	cp055190.exe	MO0800JFFCH	HPD9 (F)	HPD9	更新
1596	Online HDD/SSD Flash Component for Windows (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	cp055190.exe	MO1600JFFCK	HPD9 (F)	HPD9	更新
1597	Online HDD/SSD Flash Component for Windows (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	cp055190.exe	MO3200JFFCL	HPD9 (F)	HPD9	更新
1598	Online HDD/SSD Flash Component for Windows (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST,	cp052096.exe	VK000960JWSSQ	HPD8 (E)	HPD8	

	VK007680JWSSU and VO015300JWSSV Drives					
1599	Online HDD/SSD Flash Component for Windows (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	cp052096.exe	VK001920JWSSR	HPD8 (E)	HPD8	
1600	Online HDD/SSD Flash Component for Windows (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	cp052096.exe	VK003840JWSST	HPD8 (E)	HPD8	
1601	Online HDD/SSD Flash Component for Windows (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	cp052096.exe	VK007680JWSSU	HPD8 (E)	HPD8	
1602	Online HDD/SSD Flash Component for Windows (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	cp052096.exe	VO015300JWSSV	HPD8 (E)	HPD8	
1603	Online HDD/SSD Flash Component for Windows (x64) - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	cp053099.exe	VK0400JEABD	HPD4 (C)	HPD4	
1604	Online HDD/SSD Flash Component for Windows (x64) - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	cp053099.exe	VK0800JEABE	HPD4 (C)	HPD4	
1605	Online HDD/SSD Flash Component for Windows (x64) - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	cp053099.exe	VO1600JEABF	HPD4 (C)	HPD4	
1606	Online HDD/SSD Flash Component for Windows (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	cp052095.exe	VO000480JWDAR	HPD8 (E)	HPD8	
1607	Online HDD/SSD Flash Component for Windows (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	cp052095.exe	VO000960JWDAT	HPD8 (E)	HPD8	
1608	Online HDD/SSD Flash Component for Windows (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	cp052095.exe	VO001920JWDAU	HPD8 (E)	HPD8	
1609	Online HDD/SSD Flash Component for Windows (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	cp052095.exe	VO003840JWDAV	HPD8 (E)	HPD8	

	VO000960JWDAT, VO001920JWDAU and VO003840JWDVA Drives					
1610	Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	cp055192.exe	VO000800JWZJP	HPD4 (D)	HPD4	更新
1611	Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	cp055192.exe	VO001600JWZJQ	HPD4 (D)	HPD4	更新
1612	Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	cp055192.exe	VO003200JWZJR	HPD4 (D)	HPD4	更新
1613	Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	cp055192.exe	VO006400JWZJT	HPD4 (D)	HPD4	更新
1614	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTLB, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ, MO000800JWTLR, MO001600JWTLT, MO003200JWTLU, MO006400JWTLCD, EO000400JWTLV, EO000800JWTLCA and EO001600JWTLCB Drives	cp055199.exe	VO000960JWTBK	HPD9 (D)	HPD9	更新
1615	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTLB, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ, MO000800JWTLR, MO001600JWTLT, MO003200JWTLU, MO006400JWTLCD, EO000400JWTLV, EO000800JWTLCA and EO001600JWTLCB Drives	cp055199.exe	VO001920JWTLB	HPD9 (D)	HPD9	更新
1616	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTLB, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ, MO000800JWTLR, MO001600JWTLT, MO003200JWTLU, MO006400JWTLCD,	cp055199.exe	VO003840JWTLN	HPD9 (D)	HPD9	更新



	EO000400JWBV, EO000800JWTCa and EO001600JWTCB Drives					
1617	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWB, L, VO003840JWB, N, VO007680JWB, P, MO000400JWB, Q, MO000800JWB, R, MO001600JWB, T, MO003200JWB, U, MO006400JWB, CD, EO000400JWB, V, EO000800JWB, CA and EO001600JWB, CB Drives	cp055199.exe	VO007680JWB, P	HPD9 (D)	HPD9	更新
1618	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWB, L, VO003840JWB, N, VO007680JWB, P, MO000400JWB, Q, MO000800JWB, R, MO001600JWB, T, MO003200JWB, U, MO006400JWB, CD, EO000400JWB, V, EO000800JWB, CA and EO001600JWB, CB Drives	cp055199.exe	MO000400JWB Q	HPD9 (D)	HPD9	更新
1619	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWB, L, VO003840JWB, N, VO007680JWB, P, MO000400JWB, Q, MO000800JWB, R, MO001600JWB, T, MO003200JWB, U, MO006400JWB, CD, EO000400JWB, V, EO000800JWB, CA and EO001600JWB, CB Drives	cp055199.exe	MO000800JWB, R	HPD9 (D)	HPD9	更新
1620	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWB, L, VO003840JWB, N, VO007680JWB, P, MO000400JWB, Q, MO000800JWB, R, MO001600JWB, T, MO003200JWB, U, MO006400JWB, CD, EO000400JWB, V, EO000800JWB, CA and EO001600JWB, CB Drives	cp055199.exe	MO001600JWB, T	HPD9 (D)	HPD9	更新
1621	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBK, VO001920JWB, L, VO003840JWB, N, VO007680JWB, P, MO000400JWB, Q,	cp055199.exe	MO003200JWB, U	HPD9 (D)	HPD9	更新

	MO000800JWTRB, MO001600JWTRB, MO003200JWTRB, MO006400JWTRC, EO000400JWTRV, EO000800JWTRC and EO001600JWTRC Drives					
1622	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTRB, VO001920JWTRB, VO003840JWTRB, VO007680JWTRB, MO000400JWTRC, MO000800JWTRB, MO001600JWTRB, MO003200JWTRB, MO006400JWTRC, EO000400JWTRV, EO000800JWTRC and EO001600JWTRC Drives	cp055199.exe	MO006400JWTRC	HPD9 (D)	HPD9	更新
1623	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTRB, VO001920JWTRB, VO003840JWTRB, VO007680JWTRB, MO000400JWTRC, MO000800JWTRB, MO001600JWTRB, MO003200JWTRB, MO006400JWTRC, EO000400JWTRV, EO000800JWTRC and EO001600JWTRC Drives	cp055199.exe	EO000400JWTRV	HPD9 (D)	HPD9	更新
1624	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTRB, VO001920JWTRB, VO003840JWTRB, VO007680JWTRB, MO000400JWTRC, MO000800JWTRB, MO001600JWTRB, MO003200JWTRB, MO006400JWTRC, EO000400JWTRV, EO000800JWTRC and EO001600JWTRC Drives	cp055199.exe	EO000800JWTRC	HPD9 (D)	HPD9	更新
1625	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTRB, VO001920JWTRB, VO003840JWTRB, VO007680JWTRB, MO000400JWTRC, MO000800JWTRB, MO001600JWTRB, MO003200JWTRB, MO006400JWTRC, EO000400JWTRV, EO000800JWTRC and EO001600JWTRC Drives	cp055199.exe	EO001600JWTRC	HPD9 (D)	HPD9	更新
1626	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTRB,	cp055199.exe	EO003200JWTRC	HPD9 (D)	HPD9	更新

	VO001920JWTL, VO003840JWTLN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA and EO001600JWTLCB Drives					
1627	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTLBK, VO001920JWTLBL, VO003840JWTLBN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA and EO001600JWTLCB Drives	cp055199.exe	MO001920JWW WV	HPD9 (D)	HPD9	更新
1628	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp055193.exe	VO000960JWZJF	HPD4 (E)	HPD4	更新
1629	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp055193.exe	VO001920JWZJH	HPD4 (E)	HPD4	更新
1630	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp055193.exe	VO003840JWZJK	HPD4 (E)	HPD4	更新
1631	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp055193.exe	VO007680JWZJL	HPD4 (E)	HPD4	更新
1632	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp055193.exe	VO015360JWZJN	HPD4 (E)	HPD4	更新
1633	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC,	cp055206.exe	VO000960RWUEV	HPD7 (B)	HPD7	更新

	VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives					
1634	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp055206.exe	VO001920RWUFA	HPD7 (B)	HPD7	更新
1635	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp055206.exe	VO003840RWUFB	HPD7 (B)	HPD7	更新
1636	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp055206.exe	VO007680RWUFC	HPD7 (B)	HPD7	更新
1637	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp055206.exe	VO000960RWUFD	HPD7 (B)	HPD7	更新
1638	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp055206.exe	VO001920RWUFE	HPD7 (B)	HPD7	更新
1639	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp055206.exe	VO003840RWUFF	HPD7 (B)	HPD7	更新
1640	Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	cp052793.exe	VO003840XZCLT	HPD2 (B)	HPD2	
1641	Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT,	cp052793.exe	VO007680XZCMB	HPD2 (B)	HPD2	

	VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives					
1642	Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	cp052793.exe	MO000800XZCLQ	HPD2 (B)	HPD2	
1643	Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	cp052793.exe	MO001600XZCLV	HPD2 (B)	HPD2	
1644	Online HDD/SSD Flash Component for Windows (x64) - VO007680JWCNK and VO015300JWCNL Drives	cp052101.exe	VO007680JWCNK	HPD8 (E)	HPD8	
1645	Online HDD/SSD Flash Component for Windows (x64) - VO007680JWCNK and VO015300JWCNL Drives	cp052101.exe	VO015300JWCNL	HPD8 (E)	HPD8	
1646	Online HDD/SSD Flash Component for Windows (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	cp055189.exe	VO0480JFDGT	HPD9 (F)	HPD9	更新
1647	Online HDD/SSD Flash Component for Windows (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	cp055189.exe	VO0960JFDGU	HPD9 (F)	HPD9	更新
1648	Online HDD/SSD Flash Component for Windows (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	cp055189.exe	VO1920JFDGV	HPD9 (F)	HPD9	更新
1649	Online HDD/SSD Flash Component for Windows (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	cp055189.exe	VO3840JFDHA	HPD9 (F)	HPD9	更新
1650	Online HDD/SSD Flash Component for Windows (x64) - VO1920JEUQQ Drive	cp055184.exe	VO1920JEUQQ	HPD3 (I)	HPD3	更新

### 6.2.15 Firmware - SATA Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
1651	Online HDD/SSD Flash Component for Linux (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPPF and EK001600GWEPH Drives	firmware-hdd- 5bf9355926-HPG3- 10.1.x86_64.rpm	EK000200GWEPD	HPG3 (J)	HPG3	更新
1652	Online HDD/SSD Flash Component for Linux (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPPF and	firmware-hdd- 5bf9355926-HPG3- 10.1.x86_64.rpm	EK000400GWEPE	HPG3 (J)	HPG3	更新

	EK001600GWEPH Drives					
1653	Online HDD/SSD Flash Component for Linux (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPF and EK001600GWEPH Drives	firmware-hdd-5bf9355926-HPG3-10.1.x86_64.rpm	EK000800GWEPF	HPG3 (J)	HPG3	更新
1654	Online HDD/SSD Flash Component for Linux (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPF and EK001600GWEPH Drives	firmware-hdd-5bf9355926-HPG3-10.1.x86_64.rpm	EK001600GWEPH	HPG3 (J)	HPG3	更新
1655	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWCBC and MB002000GWCBD Drives	firmware-hdd-68b12e54d2-HPG6-9.1.x86_64.rpm	MB001000GWCBC	HPG6 (I)	HPG6	更新
1656	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWCBC and MB002000GWCBD Drives	firmware-hdd-68b12e54d2-HPG6-9.1.x86_64.rpm	MB002000GWCBC	HPG6 (I)	HPG6	更新
1657	Online HDD/SSD Flash Component for Linux (x64) - MB001000GFWFK and MB002000GFWFL Drives	firmware-hdd-bfc4af697b-HPG6-9.1.x86_64.rpm	MB001000GFWFK	HPG6 (I)	HPG6	更新
1658	Online HDD/SSD Flash Component for Linux (x64) - MB001000GFWFK and MB002000GFWFL Drives	firmware-hdd-bfc4af697b-HPG6-9.1.x86_64.rpm	MB002000GFWFK	HPG6 (I)	HPG6	更新
1659	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GFWFA and MB004000GFWFB Drives	firmware-hdd-d39e7a7e75-HPG1-10.1.x86_64.rpm	MB001000GWJAN	HPG1 (J)	HPG1	更新
1660	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GFWFA and MB004000GFWFB Drives	firmware-hdd-d39e7a7e75-HPG1-10.1.x86_64.rpm	MB002000GFWFA	HPG1 (J)	HPG1	更新
1661	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GFWFA and MB004000GFWFB Drives	firmware-hdd-d39e7a7e75-HPG1-10.1.x86_64.rpm	MB004000GFWFB	HPG1 (J)	HPG1	更新
1662	Online HDD/SSD Flash Component for Linux (x64) - MB002000GWFGH and MB001000GWFGF Drives	firmware-hdd-0b575b5895-HPG3-11.1.x86_64.rpm	MB002000GWFGH	HPG3 (K)	HPG3	更新
1663	Online HDD/SSD Flash Component for Linux (x64) - MB002000GWFGH and MB001000GWFGF Drives	firmware-hdd-0b575b5895-HPG3-11.1.x86_64.rpm	MB001000GWFGF	HPG3 (K)	HPG3	更新
1664	Online HDD/SSD Flash Component for Linux (x64) - MB004000GWKGV Drive	firmware-hdd-ca21e169e2-HPG1-9.1.x86_64.rpm	MB004000GWKGV	HPG1 (I)	HPG1	更新
1665	Online HDD/SSD Flash Component for Linux (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	firmware-hdd-12304c1aca-HPG5-1.1.x86_64.rpm	MB004000GWWQH	HPG5	HPG5	
1666	Online HDD/SSD Flash Component for Linux (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	firmware-hdd-12304c1aca-HPG5-1.1.x86_64.rpm	MB002000GWWQF	HPG5	HPG5	
1667	Online HDD/SSD Flash	firmware-hdd-	MB001000GWW	HPG5	HPG5	

	Component for Linux (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	12304c1aca-HPG5-1.1.x86_64.rpm	QE			
1668	Online HDD/SSD Flash Component for Linux (x64) - MB006000GWBXQ and MB008000GWBLY Drives	firmware-hdd-a1fd19f9ca-HPG8-9.1.x86_64.rpm	MB006000GWBXQ	HPG8 (I)	HPG8	更新
1669	Online HDD/SSD Flash Component for Linux (x64) - MB006000GWBXQ and MB008000GWBLY Drives	firmware-hdd-a1fd19f9ca-HPG8-9.1.x86_64.rpm	MB008000GWBLY	HPG8 (I)	HPG8	更新
1670	Online HDD/SSD Flash Component for Linux (x64) - MB006000GWJRR and MB008000GWJRT Drives	firmware-hdd-c993b31232-HPG6-2.1.x86_64.rpm	MB006000GWJRR	HPG6 (B)	HPG6	更新
1671	Online HDD/SSD Flash Component for Linux (x64) - MB006000GWJRR and MB008000GWJRT Drives	firmware-hdd-c993b31232-HPG6-2.1.x86_64.rpm	MB008000GWJRT	HPG6 (B)	HPG6	更新
1672	Online HDD/SSD Flash Component for Linux (x64) - MB006000GWKGR Drive	firmware-hdd-7f2a26e6d0-HPG1-9.1.x86_64.rpm	MB006000GWKGR	HPG1 (I)	HPG1	更新
1673	Online HDD/SSD Flash Component for Linux (x64) - MB008000GWRTC Drive	firmware-hdd-82894b9e0a-HPG1-9.1.x86_64.rpm	MB008000GWRTC	HPG1 (I)	HPG1	更新
1674	Online HDD/SSD Flash Component for Linux (x64) - MB008000GWWQU and MB006000GWWQT Drives	firmware-hdd-18e328f036-HPG7-2.1.x86_64.rpm	MB008000GWWQU	HPG7 (B)	HPG7	更新
1675	Online HDD/SSD Flash Component for Linux (x64) - MB008000GWWQU and MB006000GWWQT Drives	firmware-hdd-18e328f036-HPG7-2.1.x86_64.rpm	MB006000GWWQT	HPG7 (B)	HPG7	更新
1676	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWAYN and MB008000GWAYL Drives	firmware-hdd-cc819d4bff-HPG5-9.1.x86_64.rpm	MB010000GWAYN	HPG5 (I)	HPG5	
1677	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWAYN and MB008000GWAYL Drives	firmware-hdd-cc819d4bff-HPG5-9.1.x86_64.rpm	MB008000GWAYL	HPG5 (I)	HPG5	
1678	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	firmware-hdd-7a1edae8e7-HPG1-2.1.x86_64.rpm	MB010000GWZGT	HPG1 (B)	HPG1	
1679	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	firmware-hdd-7a1edae8e7-HPG1-2.1.x86_64.rpm	MB012000GWZGU	HPG1 (B)	HPG1	
1680	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	firmware-hdd-7a1edae8e7-HPG1-2.1.x86_64.rpm	MB014000GWZGV	HPG1 (B)	HPG1	
1681	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives	firmware-hdd-7a1edae8e7-HPG1-2.1.x86_64.rpm	MB016000GWZHD	HPG1 (B)	HPG1	

1682	Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	firmware-hdd-4fbb6d96e5-HPG1-1.1.x86_64.rpm	MB010000GYDKP	HPG1	HPG1	
1683	Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	firmware-hdd-4fbb6d96e5-HPG1-1.1.x86_64.rpm	MB012000GYCJL	HPG1	HPG1	
1684	Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	firmware-hdd-4fbb6d96e5-HPG1-1.1.x86_64.rpm	MB014000GYCJT	HPG1	HPG1	
1685	Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	firmware-hdd-4fbb6d96e5-HPG1-1.1.x86_64.rpm	MB016000GYDKQ	HPG1	HPG1	
1686	Online HDD/SSD Flash Component for Linux (x64) - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives	firmware-hdd-4fbb6d96e5-HPG1-1.1.x86_64.rpm	MB018000GYDKR	HPG1	HPG1	
1687	Online HDD/SSD Flash Component for Linux (x64) - MB012000GWDFE Drive	firmware-hdd-059b8654a6-HPG3-6.1.x86_64.rpm	MB012000GWDFE	HPG3 (F)	HPG3	更新
1688	Online HDD/SSD Flash Component for Linux (x64) - MB012000GWTFE and MB014000GWTFE Drives	firmware-hdd-b78255e146-HPG8-2.1.x86_64.rpm	MB012000GWTFE	HPG8 (B)	HPG8	更新
1689	Online HDD/SSD Flash Component for Linux (x64) - MB012000GWTFE and MB014000GWTFE Drives	firmware-hdd-b78255e146-HPG8-2.1.x86_64.rpm	MB014000GWTFE	HPG8 (B)	HPG8	更新
1690	Online HDD/SSD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	firmware-hdd-6b7ce3da0e-HPG2-9.1.x86_64.rpm	MB014000GWRTN	HPG2 (I)	HPG2	更新
1691	Online HDD/SSD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	firmware-hdd-6b7ce3da0e-HPG2-9.1.x86_64.rpm	MB012000GWRTL	HPG2 (I)	HPG2	更新
1692	Online HDD/SSD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	firmware-hdd-6b7ce3da0e-HPG2-9.1.x86_64.rpm	MB010000GWRTK	HPG2 (I)	HPG2	更新
1693	Online HDD/SSD Flash Component for Linux (x64) - MB014000GWUDA Drive	firmware-hdd-41cdb1c9da-HPG2-9.1.x86_64.rpm	MB014000GWUDA	HPG2 (I)	HPG2	更新
1694	Online HDD/SSD Flash Component for Linux (x64) -	firmware-hdd-e4f147cdd2-HPG4-	MB016000GWXK	HPG4	HPG4	更新



	MB016000GWXKK Drive	1.1.x86_64.rpm				
1695	Online HDD/SSD Flash Component for Linux (x64) - MB018000GXMTK and MB020000GXMTQ Drives	firmware-hdd-3496cc4743-HPG1-1.1.x86_64.rpm	MB018000GXMTK	HPG1	HPG1	新規追加
1696	Online HDD/SSD Flash Component for Linux (x64) - MB018000GXMTK and MB020000GXMTQ Drives	firmware-hdd-3496cc4743-HPG1-1.1.x86_64.rpm	MB020000GXMTQ	HPG1	HPG1	新規追加
1697	Online HDD/SSD Flash Component for Linux (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	firmware-hdd-3ab4c70e64-HPG4-13.1.x86_64.rpm	MB1000GDUNU	HPG4 (M)	HPG4	更新
1698	Online HDD/SSD Flash Component for Linux (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	firmware-hdd-3ab4c70e64-HPG4-13.1.x86_64.rpm	MB2000GDUNV	HPG4 (M)	HPG4	更新
1699	Online HDD/SSD Flash Component for Linux (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	firmware-hdd-3ab4c70e64-HPG4-13.1.x86_64.rpm	MB3000GDUPA	HPG4 (M)	HPG4	更新
1700	Online HDD/SSD Flash Component for Linux (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	firmware-hdd-3ab4c70e64-HPG4-13.1.x86_64.rpm	MB4000GDUPB	HPG4 (M)	HPG4	更新
1701	Online HDD/SSD Flash Component for Linux (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	firmware-hdd-0a7010918e-HPG5-1.1.x86_64.rpm	MB1000GVYZE	HPG5	HPG5	
1702	Online HDD/SSD Flash Component for Linux (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	firmware-hdd-0a7010918e-HPG5-1.1.x86_64.rpm	MB2000GVYZF	HPG5	HPG5	
1703	Online HDD/SSD Flash Component for Linux (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	firmware-hdd-0a7010918e-HPG5-1.1.x86_64.rpm	MB3000GVYZH	HPG5	HPG5	
1704	Online HDD/SSD Flash Component for Linux (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	firmware-hdd-0a7010918e-HPG5-1.1.x86_64.rpm	MB4000GVYZK	HPG5	HPG5	
1705	Online HDD/SSD Flash Component for Linux (x64) - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	firmware-hdd-2e70ce7412-HPG4-13.1.x86_64.rpm	MB2000GCWLT	HPG4 (M)	HPG4	更新
1706	Online HDD/SSD Flash Component for Linux (x64) - MB2000GCWLT, MB3000GCWLU and	firmware-hdd-2e70ce7412-HPG4-13.1.x86_64.rpm	MB3000GCWLU	HPG4 (M)	HPG4	更新

	MB4000GCWLVL Drives					
1707	Online HDD/SSD Flash Component for Linux (x64) - MB2000GCWLVT, MB3000GCWLU and MB4000GCWLVL Drives	firmware-hdd-2e70ce7412-HPG4-13.1.x86_64.rpm	MB4000GCWLVL	HPG4 (M)	HPG4	更新
1708	Online HDD/SSD Flash Component for Linux (x64) - MB2000GFEMH and MB4000GFEMK Drives	firmware-hdd-70e3962f98-HPG6-11.1.x86_64.rpm	MB2000GFEMH	HPG6 (K)	HPG6	
1709	Online HDD/SSD Flash Component for Linux (x64) - MB2000GFEMH and MB4000GFEMK Drives	firmware-hdd-70e3962f98-HPG6-11.1.x86_64.rpm	MB4000GFEMK	HPG6 (K)	HPG6	
1710	Online HDD/SSD Flash Component for Linux (x64) - MB4000GEFNA and MB6000GEFNB Drives	firmware-hdd-40277d55d3-HPG6-13.1.x86_64.rpm	MB4000GEFNA	HPG6 (M)	HPG6	更新
1711	Online HDD/SSD Flash Component for Linux (x64) - MB4000GEFNA and MB6000GEFNB Drives	firmware-hdd-40277d55d3-HPG6-13.1.x86_64.rpm	MB6000GEFNB	HPG6 (M)	HPG6	更新
1712	Online HDD/SSD Flash Component for Linux (x64) - MB4000GEQNH and MB6000GEQNK Drives	firmware-hdd-bfc95f0628-HPGB-11.1.x86_64.rpm	MB4000GEQNH	HPGB (K)	HPGB	
1713	Online HDD/SSD Flash Component for Linux (x64) - MB4000GEQNH and MB6000GEQNK Drives	firmware-hdd-bfc95f0628-HPGB-11.1.x86_64.rpm	MB6000GEQNK	HPGB (K)	HPGB	
1714	Online HDD/SSD Flash Component for Linux (x64) - MB6000GEBTP Drive	firmware-hdd-3243fce9a0-HPG4-12.1.x86_64.rpm	MB6000GEBTP	HPG4 (L)	HPG4	更新
1715	Online HDD/SSD Flash Component for Linux (x64) - MB6000GEQUT and MB8000GEQUU Drives	firmware-hdd-1d7f19120b-HPGB-11.1.x86_64.rpm	MB6000GEQUT	HPGB (K)	HPGB	
1716	Online HDD/SSD Flash Component for Linux (x64) - MB6000GEQUT and MB8000GEQUU Drives	firmware-hdd-1d7f19120b-HPGB-11.1.x86_64.rpm	MB8000GEQUU	HPGB (K)	HPGB	
1717	Online HDD/SSD Flash Component for Linux (x64) - MB6000GEXXV Drive	firmware-hdd-a629fcea59-HPG2-13.1.x86_64.rpm	MB6000GEXXV	HPG2 (M)	HPG2	更新
1718	Online HDD/SSD Flash Component for Linux (x64) - MB6000GVYYU Drive	firmware-hdd-bdc37cb37f-HPG2-12.1.x86_64.rpm	MB6000GVYYU	HPG2 (L)	HPG2	更新
1719	Online HDD/SSD Flash Component for Linux (x64) - MB6000GVYZB and MB4000GVYZA Drives	firmware-hdd-0a7d4aa47f-HPG5-1.1.x86_64.rpm	MB6000GVYZB	HPG5	HPG5	
1720	Online HDD/SSD Flash Component for Linux (x64) - MB6000GVYZB and MB4000GVYZA Drives	firmware-hdd-0a7d4aa47f-HPG5-1.1.x86_64.rpm	MB4000GVYZA	HPG5	HPG5	
1721	Online HDD/SSD Flash Component for Linux (x64) - MB8000GFECR Drive	firmware-hdd-6d922fc9a8-HPG6-9.1.x86_64.rpm	MB8000GFECR	HPG6 (I)	HPG6	更新
1722	Online HDD/SSD Flash Component for Linux (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCF A and MK001920GWCFB Drives	firmware-hdd-7677644a25-HPG3-10.1.x86_64.rpm	MK000240GWCEU	HPG3 (J)	HPG3	更新
1723	Online HDD/SSD Flash Component for Linux (x64) -	firmware-hdd-7677644a25-HPG3-	MK000480GWCEV	HPG3 (J)	HPG3	更新

	MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	10.1.x86_64.rpm				
1724	Online HDD/SSD Flash Component for Linux (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	firmware-hdd- 7677644a25-HPG3- 10.1.x86_64.rpm	MK000960GWCFA	HPG3 (J)	HPG3	更新
1725	Online HDD/SSD Flash Component for Linux (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	firmware-hdd- 7677644a25-HPG3- 10.1.x86_64.rpm	MK001920GWCFB	HPG3 (J)	HPG3	更新
1726	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	firmware-hdd- f693ccc138-HPG3- 7.1.x86_64.rpm	MK000480GWSSC	HPG3 (G)	HPG3	更新
1727	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	firmware-hdd- f693ccc138-HPG3- 7.1.x86_64.rpm	MK000960GWSSD	HPG3 (G)	HPG3	更新
1728	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	firmware-hdd- f693ccc138-HPG3- 7.1.x86_64.rpm	MK001920GWSSE	HPG3 (G)	HPG3	更新
1729	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	firmware-hdd- f693ccc138-HPG3- 7.1.x86_64.rpm	MK003840GWSSF	HPG3 (G)	HPG3	更新
1730	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	firmware-hdd- 8e1e8083c5-HPG2- 5.1.x86_64.rpm	MK000480GWXFF	HPG2 (E)	HPG2	更新
1731	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	firmware-hdd- 8e1e8083c5-HPG2- 5.1.x86_64.rpm	MK000960GWXF H	HPG2 (E)	HPG2	更新
1732	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	firmware-hdd- 8e1e8083c5-HPG2- 5.1.x86_64.rpm	MK001920GWXFK	HPG2 (E)	HPG2	更新
1733	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	firmware-hdd- 8e1e8083c5-HPG2- 5.1.x86_64.rpm	MK003840GWXFL	HPG2 (E)	HPG2	更新
1734	Online HDD/SSD Flash Component for Linux (x64) -	firmware-hdd- 9475583fb5-HPG1-	MK000480GZXRA	HPG1	HPG1	新規追加

	MK000480GZXRA, MK000960GZXR B, MK001920GZXRC and MK003840GZXRV Drives	1.1.x86_64.rpm				
1735	Online HDD/SSD Flash Component for Linux (x64) - MK000480GZXRA, MK000960GZXR B, MK001920GZXRC and MK003840GZXRV Drives	firmware-hdd- 9475583fb5-HPG1- 1.1.x86_64.rpm	MK000960GZXR B	HPG1	HPG1	新規追加
1736	Online HDD/SSD Flash Component for Linux (x64) - MK000480GZXRA, MK000960GZXR B, MK001920GZXRC and MK003840GZXRV Drives	firmware-hdd- 9475583fb5-HPG1- 1.1.x86_64.rpm	MK001920GZXRC	HPG1	HPG1	新規追加
1737	Online HDD/SSD Flash Component for Linux (x64) - MK000480GZXRA, MK000960GZXR B, MK001920GZXRC and MK003840GZXRV Drives	firmware-hdd- 9475583fb5-HPG1- 1.1.x86_64.rpm	MK003840GZXRV	HPG1	HPG1	新規追加
1738	Online HDD/SSD Flash Component for Linux (x64) - MK003840GWHT E Drive	firmware-hdd- ac20a1e1c6-HPG8- 5.1.x86_64.rpm	MK003840GWHT E	HPG8 (E)	HPG8	更新
1739	Online HDD/SSD Flash Component for Linux (x64) - MK0960GECQK Drive	firmware-hdd- 3e34285be7-HPG3- 13.1.x86_64.rpm	MK0960GECQK	HPG3 (M)	HPG3	
1740	Online HDD/SSD Flash Component for Linux (x64) - MM1000GFJTE Drive	firmware-hdd- 95af9a555e-HPG6- 1.1.x86_64.rpm	MM1000GFJTE	HPG6	HPG6	
1741	Online HDD/SSD Flash Component for Linux (x64) - MM2000GEFRA Drive	firmware-hdd- ec908c3650-HPG9- 1.1.x86_64.rpm	MM2000GEFRA	HPG9	HPG9	
1742	Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd- 9196d4f720-HPGG- 5.1.x86_64.rpm	MR000240GWFLU	HPGG (E)	HPGG	更新
1743	Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd- 9196d4f720-HPGG- 5.1.x86_64.rpm	MR000480GWFLV	HPGG (E)	HPGG	更新
1744	Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd- 9196d4f720-HPGG- 5.1.x86_64.rpm	VR000480GWFMD	HPGG (E)	HPGG	更新
1745	Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD,	firmware-hdd- 9196d4f720-HPGG- 5.1.x86_64.rpm	MR000960GWFMA	HPGG (E)	HPGG	更新

	MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives					
1746	Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd- 9196d4f720-HPGG- 5.1.x86_64.rpm	VR000960GWFME	HPGG (E)	HPGG	更新
1747	Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd- 9196d4f720-HPGG- 5.1.x86_64.rpm	MR001920GWFMB	HPGG (E)	HPGG	更新
1748	Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd- 9196d4f720-HPGG- 5.1.x86_64.rpm	VR001920GWFMC	HPGG (E)	HPGG	更新
1749	Online HDD/SSD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	firmware-hdd- 6e3845def5-HPG1- 9.1.x86_64.rpm	VK000150GWCNN	HPG1 (I)	HPG1	更新
1750	Online HDD/SSD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	firmware-hdd- 6e3845def5-HPG1- 9.1.x86_64.rpm	VK000240GWCNP	HPG1 (I)	HPG1	更新
1751	Online HDD/SSD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	firmware-hdd- 6e3845def5-HPG1- 9.1.x86_64.rpm	VK000480GWCNQ	HPG1 (I)	HPG1	更新
1752	Online HDD/SSD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	firmware-hdd- 6e3845def5-HPG1- 9.1.x86_64.rpm	VK000960GWCNR	HPG1 (I)	HPG1	更新
1753	Online HDD/SSD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	firmware-hdd- 6e3845def5-HPG1- 9.1.x86_64.rpm	VK001600GWCNT	HPG1 (I)	HPG1	更新

1754	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFH, VK001920GWCFH and VK003840GWCFK Drives	firmware-hdd-f42438de3d-HPG3-10.1.x86_64.rpm	VK000480GWCFE	HPG3 (J)	HPG3	更新
1755	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFH, VK001920GWCFH and VK003840GWCFK Drives	firmware-hdd-f42438de3d-HPG3-10.1.x86_64.rpm	VK000960GWCFH	HPG3 (J)	HPG3	更新
1756	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFH, VK001920GWCFH and VK003840GWCFK Drives	firmware-hdd-f42438de3d-HPG3-10.1.x86_64.rpm	VK000240GWCFD	HPG3 (J)	HPG3	更新
1757	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFH, VK001920GWCFH and VK003840GWCFK Drives	firmware-hdd-f42438de3d-HPG3-10.1.x86_64.rpm	VK001920GWCFH	HPG3 (J)	HPG3	更新
1758	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFH, VK001920GWCFH and VK003840GWCFK Drives	firmware-hdd-f42438de3d-HPG3-10.1.x86_64.rpm	VK003840GWCFK	HPG3 (J)	HPG3	更新
1759	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGG-5.1.x86_64.rpm	VK000240GWEZB	HPGG (E)	HPGG	更新
1760	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGG-5.1.x86_64.rpm	VK000480GWEZC	HPGG (E)	HPGG	更新
1761	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGG-5.1.x86_64.rpm	VK000960GWEZD	HPGG (E)	HPGG	更新
1762	Online HDD/SSD Flash	firmware-hdd-	VK001920GWEZE	HPGG (E)	HPGG	更新

	Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	3db7640485-HPGG- 5.1.x86_64.rpm				
1763	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd- 3db7640485-HPGG- 5.1.x86_64.rpm	MK000240GWEZF	HPGG (E)	HPGG	更新
1764	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd- 3db7640485-HPGG- 5.1.x86_64.rpm	MK000480GWEZ H	HPGG (E)	HPGG	更新
1765	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd- 3db7640485-HPGG- 5.1.x86_64.rpm	MK000960GWEZK	HPGG (E)	HPGG	更新
1766	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd- 3db7640485-HPGG- 5.1.x86_64.rpm	MK001920GWHR U	HPGG (E)	HPGG	更新
1767	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd- aef2a690c9-HPG5- 8.1.x86_64.rpm	MK000240GWKV K	HPG5 (H)	HPG5	
1768	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH,	firmware-hdd- aef2a690c9-HPG5- 8.1.x86_64.rpm	MK000480GWJPN	HPG5 (H)	HPG5	

	VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives					
1769	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd- aef2a690c9-HPG5- 8.1.x86_64.rpm	MK000960GWJPP	HPG5 (H)	HPG5	
1770	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd- aef2a690c9-HPG5- 8.1.x86_64.rpm	MK001920GWJPQ	HPG5 (H)	HPG5	
1771	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd- aef2a690c9-HPG5- 8.1.x86_64.rpm	VK000240GWJPD	HPG5 (H)	HPG5	
1772	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd- aef2a690c9-HPG5- 8.1.x86_64.rpm	VK000480GWJPE	HPG5 (H)	HPG5	
1773	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd- aef2a690c9-HPG5- 8.1.x86_64.rpm	VK000960GWJPF	HPG5 (H)	HPG5	
1774	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH,	firmware-hdd- aef2a690c9-HPG5- 8.1.x86_64.rpm	VK001920GWJPH	HPG5 (H)	HPG5	



	VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives					
1775	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd- aef2a690c9-HPG5- 8.1.x86_64.rpm	VK003840GWJPK	HPG5 (H)	HPG5	
1776	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	firmware-hdd- db687966b4-HPG4- 7.1.x86_64.rpm	VK000240GWSRQ	HPG4 (G)	HPG4	更新
1777	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	firmware-hdd- db687966b4-HPG4- 7.1.x86_64.rpm	VK000480GWSRR	HPG4 (G)	HPG4	更新
1778	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	firmware-hdd- db687966b4-HPG4- 7.1.x86_64.rpm	VK000960GWSRT	HPG4 (G)	HPG4	更新
1779	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	firmware-hdd- db687966b4-HPG4- 7.1.x86_64.rpm	VK001920GWSRU	HPG4 (G)	HPG4	更新
1780	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	firmware-hdd- db687966b4-HPG4- 7.1.x86_64.rpm	VK003840GWSRV	HPG4 (G)	HPG4	更新
1781	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd- c566d63ca0-HPG6- 7.1.x86_64.rpm	VK000240GWTSV	HPG6 (G)	HPG6	更新
1782	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA,	firmware-hdd- c566d63ca0-HPG6- 7.1.x86_64.rpm	VK000480GWTTA	HPG6 (G)	HPG6	更新

	VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTN Drives					
1783	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTN Drives	firmware-hdd- c566d63ca0-HPG6- 7.1.x86_64.rpm	VK000960GWTTB	HPG6 (G)	HPG6	更新
1784	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTN Drives	firmware-hdd- c566d63ca0-HPG6- 7.1.x86_64.rpm	VK001920GWTTT	HPG6 (G)	HPG6	更新
1785	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTN Drives	firmware-hdd- c566d63ca0-HPG6- 7.1.x86_64.rpm	VK003840GWTTD	HPG6 (G)	HPG6	更新
1786	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTN Drives	firmware-hdd- c566d63ca0-HPG6- 7.1.x86_64.rpm	MK000480GWTT H	HPG6 (G)	HPG6	更新
1787	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTN Drives	firmware-hdd- c566d63ca0-HPG6- 7.1.x86_64.rpm	MK000960GWTTK	HPG6 (G)	HPG6	更新
1788	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA,	firmware-hdd- c566d63ca0-HPG6- 7.1.x86_64.rpm	MK001920GWTTT	HPG6 (G)	HPG6	更新

	VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives					
1789	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd- c566d63ca0-HPG6- 7.1.x86_64.rpm	MK003840GWTT N	HPG6 (G)	HPG6	更新
1790	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 6.1.x86_64.rpm	VK000240GXAWE	HPG1 (F)	HPG1	更新
1791	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 6.1.x86_64.rpm	VK000480GXAWK	HPG1 (F)	HPG1	更新
1792	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 6.1.x86_64.rpm	VK000960GXAWL	HPG1 (F)	HPG1	更新
1793	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWE,	firmware-hdd- 8f9bf23306-HPG1- 6.1.x86_64.rpm	VK001920GXAWN	HPG1 (F)	HPG1	更新

	VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives					
1794	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 6.1.x86_64.rpm	VK003840GXAWP	HPG1 (F)	HPG1	更新
1795	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 6.1.x86_64.rpm	VK007680GXAWQ	HPG1 (F)	HPG1	更新
1796	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 6.1.x86_64.rpm	MK000480GXAWF	HPG1 (F)	HPG1	更新
1797	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF,	firmware-hdd- 8f9bf23306-HPG1- 6.1.x86_64.rpm	MK000960GXAXB	HPG1 (F)	HPG1	更新

	MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives					
1798	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 6.1.x86_64.rpm	MK001920GXAW R	HPG1 (F)	HPG1	更新
1799	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 6.1.x86_64.rpm	MK003840GXAW T	HPG1 (F)	HPG1	更新
1800	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 6.1.x86_64.rpm	VR000240GXBBL	HPG1 (F)	HPG1	更新
1801	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 6.1.x86_64.rpm	MR000480GXBGH	HPG1 (F)	HPG1	更新

1802	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWF, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd-8f9bf23306-HPG1-6.1.x86_64.rpm	MR000960GXBGK	HPG1 (F)	HPG1	更新
1803	Online HDD/SSD Flash Component for Linux (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	firmware-hdd-abd133f0de-HPG1-1.1.x86_64.rpm	VK000240GZXRU	HPG1	HPG1	新規追加
1804	Online HDD/SSD Flash Component for Linux (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	firmware-hdd-abd133f0de-HPG1-1.1.x86_64.rpm	VK000480GZXRF	HPG1	HPG1	新規追加
1805	Online HDD/SSD Flash Component for Linux (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	firmware-hdd-abd133f0de-HPG1-1.1.x86_64.rpm	VK000960GZXQU	HPG1	HPG1	新規追加
1806	Online HDD/SSD Flash Component for Linux (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	firmware-hdd-abd133f0de-HPG1-1.1.x86_64.rpm	VK001920GZXQV	HPG1	HPG1	新規追加
1807	Online HDD/SSD Flash Component for Linux (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	firmware-hdd-abd133f0de-HPG1-1.1.x86_64.rpm	VK003840GZXRH	HPG1	HPG1	新規追加
1808	Online HDD/SSD Flash Component for Linux (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	firmware-hdd-abd133f0de-HPG1-1.1.x86_64.rpm	VK007680GZXRT	HPG1	HPG1	新規追加
1809	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWSXF,	firmware-hdd-9e87eecb3f-HPG3-5.1.x86_64.rpm	VK000480GWSXF	HPG3 (E)	HPG3	更新

	VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives					
1810	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	firmware-hdd- 9e87eecb3f-HPG3- 5.1.x86_64.rpm	VK000960GWSXH	HPG3 (E)	HPG3	更新
1811	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	firmware-hdd- 9e87eecb3f-HPG3- 5.1.x86_64.rpm	VK001920GWSXK	HPG3 (E)	HPG3	更新
1812	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	firmware-hdd- 9e87eecb3f-HPG3- 5.1.x86_64.rpm	MK000480GWUG F	HPG3 (E)	HPG3	更新
1813	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	firmware-hdd- 9e87eecb3f-HPG3- 5.1.x86_64.rpm	MK000960GWUG H	HPG3 (E)	HPG3	更新
1814	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	firmware-hdd- 9e87eecb3f-HPG3- 5.1.x86_64.rpm	MK001920GWUG K	HPG3 (E)	HPG3	更新
1815	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd- 492a9952f6-HPG4- 1.1.x86_64.rpm	VK000480GWTHA	HPG4	HPG4	
1816	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd- 492a9952f6-HPG4- 1.1.x86_64.rpm	VK000960GWTHB	HPG4	HPG4	
1817	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd- 492a9952f6-HPG4- 1.1.x86_64.rpm	VK001920GWTHC	HPG4	HPG4	
1818	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA,	firmware-hdd- 492a9952f6-HPG4- 1.1.x86_64.rpm	VK003840GWTHD	HPG4	HPG4	

	VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives					
1819	Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	firmware-hdd- befd42bd64-HPG2- 5.1.x86_64.rpm	VK000480GZCNE	HPG2 (E)	HPG2	更新
1820	Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	firmware-hdd- befd42bd64-HPG2- 5.1.x86_64.rpm	VK000960GZCNF	HPG2 (E)	HPG2	更新
1821	Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	firmware-hdd- befd42bd64-HPG2- 5.1.x86_64.rpm	VK001920GZCNH	HPG2 (E)	HPG2	更新
1822	Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	firmware-hdd- befd42bd64-HPG2- 5.1.x86_64.rpm	VK003840GZCNK	HPG2 (E)	HPG2	更新
1823	Online HDD/SSD Flash Component for Linux (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	firmware-hdd- 4b4177239b-HPG3- 3.1.x86_64.rpm	VK000960GXCLD	HPG3 (C)	HPG3	
1824	Online HDD/SSD Flash Component for Linux (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	firmware-hdd- 4b4177239b-HPG3- 3.1.x86_64.rpm	VK001920GXCGP	HPG3 (C)	HPG3	
1825	Online HDD/SSD Flash Component for Linux (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	firmware-hdd- 4b4177239b-HPG3- 3.1.x86_64.rpm	VK003840GXCGQ	HPG3 (C)	HPG3	
1826	Online HDD/SSD Flash Component for Linux (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	firmware-hdd- 4b4177239b-HPG3- 3.1.x86_64.rpm	VK007680GXCGR	HPG3 (C)	HPG3	
1827	Online HDD/SSD Flash Component for Linux (x64) - VK003840GWSXL Drive	firmware-hdd- d1cf327bc4-HPG3- 5.1.x86_64.rpm	VK003840GWSXL	HPG3 (E)	HPG3	更新
1828	Online HDD/SSD Flash Component for Linux (x64) - VK007680GWSXN Drive	firmware-hdd- b460823f70-HPG3- 5.1.x86_64.rpm	VK007680GWSXN	HPG3 (E)	HPG3	更新
1829	Online HDD/SSD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	firmware-hdd- a2d4b5c742-HPG1- 13.1.x86_64.rpm	VK0120GFDKE	HPG1 (M)	HPG1	更新
1830	Online HDD/SSD Flash Component for Linux (x64) -	firmware-hdd- a2d4b5c742-HPG1-	VK0240GFDKF	HPG1 (M)	HPG1	更新



	VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	13.1.x86_64.rpm				
1831	Online HDD/SSD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	firmware-hdd- a2d4b5c742-HPG1- 13.1.x86_64.rpm	VK0480GFDKH	HPG1 (M)	HPG1	更新
1832	Online HDD/SSD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	firmware-hdd- a2d4b5c742-HPG1- 13.1.x86_64.rpm	VK0960GFDKK	HPG1 (M)	HPG1	更新
1833	Online HDD/SSD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	firmware-hdd- a2d4b5c742-HPG1- 13.1.x86_64.rpm	VK1920GFDKL	HPG1 (M)	HPG1	更新
1834	Online HDD/SSD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	firmware-hdd- a2d4b5c742-HPG1- 13.1.x86_64.rpm	VK3840GFDKN	HPG1 (M)	HPG1	更新
1835	Online HDD/SSD Flash Component for Linux (x64) - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	firmware-hdd- 1a516522d1-HPG1- 12.1.x86_64.rpm	VK0240GEPQN	HPG1 (L)	HPG1	更新
1836	Online HDD/SSD Flash Component for Linux (x64) - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	firmware-hdd- 1a516522d1-HPG1- 12.1.x86_64.rpm	VK0480GEPQP	HPG1 (L)	HPG1	更新
1837	Online HDD/SSD Flash Component for Linux (x64) - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	firmware-hdd- 1a516522d1-HPG1- 12.1.x86_64.rpm	VK0960GEPQQ	HPG1 (L)	HPG1	更新
1838	Online HDD/SSD Flash Component for Linux (x64) - VR000150GWEPP and VR000480GWEPR Drives	firmware-hdd- b7eb905efe-HPG1- 9.1.x86_64.rpm	VR000150GWEPP	HPG1 (I)	HPG1	
1839	Online HDD/SSD Flash Component for Linux (x64) - VR000150GWEPP and VR000480GWEPR Drives	firmware-hdd- b7eb905efe-HPG1- 9.1.x86_64.rpm	VR000480GWEPR	HPG1 (I)	HPG1	
1840	Online HDD/SSD Flash Component for Linux (x64) - XP0120GFJSL and XP0240GFJSN Drives	firmware-hdd- d355375539-HPS4- 13.1.x86_64.rpm	XP0120GFJSL	HPS4 (M)	HPS4	更新
1841	Online HDD/SSD Flash Component for Linux (x64) - XP0120GFJSL and XP0240GFJSN Drives	firmware-hdd- d355375539-HPS4- 13.1.x86_64.rpm	XP0240GFJSN	HPS4 (M)	HPS4	更新
1842	Online HDD/SSD Flash Component for VMware ESXi	CP055261.zip	EK000200GWEPPD	HPG3 (I)	HPG3	更新

	- EK000200GWEPD, EK000400GWEPE, EK000800GWEPE and EK001600GWEPEH Drives					
1843	Online HDD/SSD Flash Component for VMware ESXi - EK000200GWEPD, EK000400GWEPE, EK000800GWEPE and EK001600GWEPEH Drives	CP055261.zip	EK000400GWEPE	HPG3 (I)	HPG3	更新
1844	Online HDD/SSD Flash Component for VMware ESXi - EK000200GWEPD, EK000400GWEPE, EK000800GWEPE and EK001600GWEPEH Drives	CP055261.zip	EK000800GWEPE	HPG3 (I)	HPG3	更新
1845	Online HDD/SSD Flash Component for VMware ESXi - EK000200GWEPD, EK000400GWEPE, EK000800GWEPE and EK001600GWEPEH Drives	CP055261.zip	EK001600GWEPEH	HPG3 (I)	HPG3	更新
1846	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWCBC and MB002000GWCBD Drives	CP055250.zip	MB001000GWCBC C	HPG6 (H)	HPG6	更新
1847	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWCBC and MB002000GWCBD Drives	CP055250.zip	MB002000GWCBC D	HPG6 (H)	HPG6	更新
1848	Online HDD/SSD Flash Component for VMware ESXi - MB001000GFWK and MB002000GFWL Drives	CP053380.zip	MB001000GFWK K	HPG6 (H)	HPG6	更新
1849	Online HDD/SSD Flash Component for VMware ESXi - MB001000GFWK and MB002000GFWL Drives	CP053380.zip	MB002000GFWL L	HPG6 (H)	HPG6	更新
1850	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWJAN, MB002000GFWA and MB004000GFWB Drives	CP053382.zip	MB001000GWJAN	HPG1 (H)	HPG1	更新
1851	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWJAN, MB002000GFWA and MB004000GFWB Drives	CP053382.zip	MB002000GFWA A	HPG1 (H)	HPG1	更新
1852	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWJAN, MB002000GFWA and MB004000GFWB Drives	CP053382.zip	MB004000GFWB B	HPG1 (H)	HPG1	更新
1853	Online HDD/SSD Flash Component for VMware ESXi - MB002000GWFGH and MB001000GWFGF Drives	CP055301.zip	MB002000GWFG H	HPG3 (J)	HPG3	更新
1854	Online HDD/SSD Flash Component for VMware ESXi - MB002000GWFGH and MB001000GWFGF Drives	CP055301.zip	MB001000GWFG F	HPG3 (J)	HPG3	更新
1855	Online HDD/SSD Flash Component for VMware ESXi - MB004000GWKGV Drive	CP053386.zip	MB004000GWKGV V	HPG1 (H)	HPG1	更新
1856	Online HDD/SSD Flash Component for VMware ESXi	CP053428.zip	MB004000GWW QH	HPG5 (B)	HPG5	更新

	- MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives					
1857	Online HDD/SSD Flash Component for VMware ESXi - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	CP053428.zip	MB002000GWW QF	HPG5 (B)	HPG5	更新
1858	Online HDD/SSD Flash Component for VMware ESXi - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	CP053428.zip	MB001000GWW QE	HPG5 (B)	HPG5	更新
1859	Online HDD/SSD Flash Component for VMware ESXi - MB006000GWBXQ and MB008000GWBXL Drives	CP055304.zip	MB006000GWBX Q	HPG8 (H)	HPG8	更新
1860	Online HDD/SSD Flash Component for VMware ESXi - MB006000GWBXQ and MB008000GWBXL Drives	CP055304.zip	MB008000GWBXL	HPG8 (H)	HPG8	更新
1861	Online HDD/SSD Flash Component for VMware ESXi - MB006000GWJRR and MB008000GWJRT Drives	CP054407.zip	MB006000GWJRR	HPG6	HPG6	更新
1862	Online HDD/SSD Flash Component for VMware ESXi - MB006000GWJRR and MB008000GWJRT Drives	CP054407.zip	MB008000GWJRT	HPG6	HPG6	更新
1863	Online HDD/SSD Flash Component for VMware ESXi - MB006000GKWGR Drive	CP053392.zip	MB006000GKWG R	HPG1 (H)	HPG1	更新
1864	Online HDD/SSD Flash Component for VMware ESXi - MB008000GWRTC Drive	CP053396.zip	MB008000GWRTC	HPG1 (H)	HPG1	更新
1865	Online HDD/SSD Flash Component for VMware ESXi - MB008000GWWQU and MB006000GWWQT Drives	CP053884.zip	MB008000GWW QU	HPG7	HPG7	更新
1866	Online HDD/SSD Flash Component for VMware ESXi - MB008000GWWQU and MB006000GWWQT Drives	CP053884.zip	MB006000GWW QT	HPG7	HPG7	更新
1867	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWAYN and MB008000GWAYL Drives	CP055306.zip	MB010000GWAY N	HPG5 (I)	HPG5	更新
1868	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWAYN and MB008000GWAYL Drives	CP055306.zip	MB008000GWAYL	HPG5 (I)	HPG5	更新
1869	Online HDD/SSD Flash Component for VMware ESXi - MB012000GWDFE Drive	CP053400.zip	MB012000GWDF E	HPG3 (D)	HPG3	更新
1870	Online HDD/SSD Flash Component for VMware ESXi - MB012000GWTFE and MB014000GWTFE Drives	CP054181.zip	MB012000GWTFE	HPG8	HPG8	更新
1871	Online HDD/SSD Flash Component for VMware ESXi - MB012000GWTFE and MB014000GWTFE Drives	CP054181.zip	MB014000GWTFE	HPG8	HPG8	更新
1872	Online HDD/SSD Flash Component for VMware ESXi - MB014000GWRTN, MB012000GWRTL and	CP055308.zip	MB014000GWR TN	HPG2 (H)	HPG2	更新

	MB010000GWRK Drives					
1873	Online HDD/SSD Flash Component for VMware ESXi - MB014000GWRN, MB012000GWRTL and MB010000GWRK Drives	CP055308.zip	MB012000GWRTL	HPG2 (H)	HPG2	更新
1874	Online HDD/SSD Flash Component for VMware ESXi - MB014000GWRN, MB012000GWRTL and MB010000GWRK Drives	CP055308.zip	MB010000GWRTK	HPG2 (H)	HPG2	更新
1875	Online HDD/SSD Flash Component for VMware ESXi - MB014000GWUDA Drive	CP053404.zip	MB014000GWUDA	HPG2 (H)	HPG2	更新
1876	Online HDD/SSD Flash Component for VMware ESXi - MB016000GWXK Drive	CP053446.zip	MB016000GWXK	HPG4	HPG4	更新
1877	Online HDD/SSD Flash Component for VMware ESXi - MB018000GXMTK and MB020000GXMTQ Drives	CP055667.zip	MB018000GXMTK	HPG1	HPG1	新規追加
1878	Online HDD/SSD Flash Component for VMware ESXi - MB018000GXMTK and MB020000GXMTQ Drives	CP055667.zip	MB020000GXMTQ	HPG1	HPG1	新規追加
1879	Online HDD/SSD Flash Component for VMware ESXi - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	CP055310.zip	MB1000GDUNU	HPG4 (M)	HPG4	更新
1880	Online HDD/SSD Flash Component for VMware ESXi - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	CP055310.zip	MB2000GDUNV	HPG4 (M)	HPG4	更新
1881	Online HDD/SSD Flash Component for VMware ESXi - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	CP055310.zip	MB3000GDUPA	HPG4 (M)	HPG4	更新
1882	Online HDD/SSD Flash Component for VMware ESXi - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	CP055310.zip	MB4000GDUPB	HPG4 (M)	HPG4	更新
1883	Online HDD/SSD Flash Component for VMware ESXi - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	CP055311.zip	MB1000GVYZE	HPG5 (B)	HPG5	更新
1884	Online HDD/SSD Flash Component for VMware ESXi - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	CP055311.zip	MB2000GVYZF	HPG5 (B)	HPG5	更新
1885	Online HDD/SSD Flash Component for VMware ESXi - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and	CP055311.zip	MB3000GVYZH	HPG5 (B)	HPG5	更新

	MB4000GVYZK Drives					
1886	Online HDD/SSD Flash Component for VMware ESXi - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	CP055311.zip	MB4000GVYZK	HPG5 (B)	HPG5	更新
1887	Online HDD/SSD Flash Component for VMware ESXi - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	CP055313.zip	MB2000GCWLT	HPG4 (M)	HPG4	更新
1888	Online HDD/SSD Flash Component for VMware ESXi - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	CP055313.zip	MB3000GCWLU	HPG4 (M)	HPG4	更新
1889	Online HDD/SSD Flash Component for VMware ESXi - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	CP055313.zip	MB4000GCWLV	HPG4 (M)	HPG4	更新
1890	Online HDD/SSD Flash Component for VMware ESXi - MB2000GFEMH and MB4000GFEMK Drives	CP055314.zip	MB2000GFEMH	HPG6 (K)	HPG6	更新
1891	Online HDD/SSD Flash Component for VMware ESXi - MB2000GFEMH and MB4000GFEMK Drives	CP055314.zip	MB4000GFEMK	HPG6 (K)	HPG6	更新
1892	Online HDD/SSD Flash Component for VMware ESXi - MB4000GEFNA and MB6000GEFNB Drives	CP055318.zip	MB4000GEFNA	HPG6 (K)	HPG6	更新
1893	Online HDD/SSD Flash Component for VMware ESXi - MB4000GEFNA and MB6000GEFNB Drives	CP055318.zip	MB6000GEFNB	HPG6 (K)	HPG6	更新
1894	Online HDD/SSD Flash Component for VMware ESXi - MB4000GEQNH and MB6000GEQNK Drives	CP055319.zip	MB4000GEQNH	HPGB (K)	HPGB	更新
1895	Online HDD/SSD Flash Component for VMware ESXi - MB4000GEQNH and MB6000GEQNK Drives	CP055319.zip	MB6000GEQNK	HPGB (K)	HPGB	更新
1896	Online HDD/SSD Flash Component for VMware ESXi - MB6000GEBTP Drive	CP055323.zip	MB6000GEBTP	HPG4 (K)	HPG4	更新
1897	Online HDD/SSD Flash Component for VMware ESXi - MB6000GEQUT and MB8000GEQUU Drives	CP055324.zip	MB6000GEQUT	HPGB (K)	HPGB	更新
1898	Online HDD/SSD Flash Component for VMware ESXi - MB6000GEQUT and MB8000GEQUU Drives	CP055324.zip	MB8000GEQUU	HPGB (K)	HPGB	更新
1899	Online HDD/SSD Flash Component for VMware ESXi - MB6000GEXXV Drive	CP055343.zip	MB6000GEXXV	HPG2 (M)	HPG2	更新
1900	Online HDD/SSD Flash Component for VMware ESXi - MB6000GVYYU Drive	CP055325.zip	MB6000GVYYU	HPG2 (K)	HPG2	更新
1901	Online HDD/SSD Flash Component for VMware ESXi - MB6000GVYZB and	CP055326.zip	MB6000GVYZB	HPG5 (B)	HPG5	更新

	MB4000GVYZA Drives					
1902	Online HDD/SSD Flash Component for VMware ESXi - MB6000GVYZB and MB4000GVYZA Drives	CP055326.zip	MB4000GVYZA	HPG5 (B)	HPG5	更新
1903	Online HDD/SSD Flash Component for VMware ESXi - MB8000GFECR Drive	CP055330.zip	MB8000GFECR	HPG6 (I)	HPG6	更新
1904	Online HDD/SSD Flash Component for VMware ESXi - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	CP055338.zip	MK000240GWCEU	HPG3 (I)	HPG3	更新
1905	Online HDD/SSD Flash Component for VMware ESXi - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	CP055338.zip	MK000480GWCEV	HPG3 (I)	HPG3	更新
1906	Online HDD/SSD Flash Component for VMware ESXi - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	CP055338.zip	MK000960GWCFA	HPG3 (I)	HPG3	更新
1907	Online HDD/SSD Flash Component for VMware ESXi - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	CP055338.zip	MK001920GWCFB	HPG3 (I)	HPG3	更新
1908	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	CP053430.zip	MK000480GWSSC	HPG3 (E)	HPG3	更新
1909	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	CP053430.zip	MK000960GWSSD	HPG3 (E)	HPG3	更新
1910	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	CP053430.zip	MK001920GWSSE	HPG3 (E)	HPG3	更新
1911	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	CP053430.zip	MK003840GWSSF	HPG3 (E)	HPG3	更新
1912	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	CP053458.zip	MK000480GWXFF	HPG2 (C)	HPG2	更新
1913	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH,	CP053458.zip	MK000960GWXFH	HPG2 (C)	HPG2	更新

	MK001920GWXFK and MK003840GWXFL Drives					
1914	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	CP053458.zip	MK001920GWXFK	HPG2 (C)	HPG2	更新
1915	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	CP053458.zip	MK003840GWXFL	HPG2 (C)	HPG2	更新
1916	Online HDD/SSD Flash Component for VMware ESXi - MK000480GZXRA, MK000960GZXR B, MK001920GZXRC and MK003840GZXRV Drives.	CP055686.zip	MK000480GZXRA	HPG1	HPG1	新規追加
1917	Online HDD/SSD Flash Component for VMware ESXi - MK000480GZXRA, MK000960GZXR B, MK001920GZXRC and MK003840GZXRV Drives.	CP055686.zip	MK000960GZXR B	HPG1	HPG1	新規追加
1918	Online HDD/SSD Flash Component for VMware ESXi - MK000480GZXRA, MK000960GZXR B, MK001920GZXRC and MK003840GZXRV Drives.	CP055686.zip	MK001920GZXRC	HPG1	HPG1	新規追加
1919	Online HDD/SSD Flash Component for VMware ESXi - MK000480GZXRA, MK000960GZXR B, MK001920GZXRC and MK003840GZXRV Drives.	CP055686.zip	MK003840GZXRV	HPG1	HPG1	新規追加
1920	Online HDD/SSD Flash Component for VMware ESXi - MK003840GWHT E Drive	CP055332.zip	MK003840GWHT E	HPG8 (D)	HPG8	更新
1921	Online HDD/SSD Flash Component for VMware ESXi - MK0960GECQK Drive	CP055333.zip	MK0960GECQK	HPG3 (N)	HPG3	更新
1922	Online HDD/SSD Flash Component for VMware ESXi - MM1000GFJTE Drive	CP053414.zip	MM1000GFJTE	HPG6 (B)	HPG6	更新
1923	Online HDD/SSD Flash Component for VMware ESXi - MM2000GEFRA Drive	CP053412.zip	MM2000GEFRA	HPG9 (B)	HPG9	更新
1924	Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP055342.zip	MR000240GWFLU	HPGG (D)	HPGG	更新
1925	Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME,	CP055342.zip	MR000480GWFLV	HPGG (D)	HPGG	更新

	MR001920GWFMB and VR001920GWFMC Drives					
1926	Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP055342.zip	VR000480GWFMD	HPGG (D)	HPGG	更新
1927	Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP055342.zip	MR000960GWFMA	HPGG (D)	HPGG	更新
1928	Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP055342.zip	VR000960GWFME	HPGG (D)	HPGG	更新
1929	Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP055342.zip	MR001920GWFMB	HPGG (D)	HPGG	更新
1930	Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP055342.zip	VR001920GWFMC	HPGG (D)	HPGG	更新
1931	Online HDD/SSD Flash Component for VMware ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	CP055344.zip	VK000150GWCNN	HPG1 (H)	HPG1	更新
1932	Online HDD/SSD Flash Component for VMware ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	CP055344.zip	VK000240GWCNP	HPG1 (H)	HPG1	更新
1933	Online HDD/SSD Flash Component for VMware ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ,	CP055344.zip	VK000480GWCNQ	HPG1 (H)	HPG1	更新



	VK000960GWCNR and VK001600GWCNT Drives					
1934	Online HDD/SSD Flash Component for VMware ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	CP055344.zip	VK000960GWCNR	HPG1 (H)	HPG1	更新
1935	Online HDD/SSD Flash Component for VMware ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	CP055344.zip	VK001600GWCNT	HPG1 (H)	HPG1	更新
1936	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWCDF, VK000480GWCFF, VK000960GWCFF, VK001920GWCFFH and VK003840GWCFFK Drives.	CP055347.zip	VK000240GWCDF	HPG3 (I)	HPG3	更新
1937	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWCDF, VK000480GWCFF, VK000960GWCFFH and VK003840GWCFFK Drives.	CP055347.zip	VK000480GWCFF	HPG3 (I)	HPG3	更新
1938	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWCDF, VK000480GWCFF, VK000960GWCFFH and VK003840GWCFFK Drives.	CP055347.zip	VK000960GWCFF	HPG3 (I)	HPG3	更新
1939	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWCDF, VK000480GWCFF, VK000960GWCFFH and VK003840GWCFFK Drives.	CP055347.zip	VK001920GWCFFH	HPG3 (I)	HPG3	更新
1940	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWCDF, VK000480GWCFF, VK000960GWCFFH and VK003840GWCFFK Drives.	CP055347.zip	VK003840GWCFFK	HPG3 (I)	HPG3	更新
1941	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP055345.zip	VK000240GWEZB	HPGG (D)	HPGG	更新
1942	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD,	CP055345.zip	VK000480GWEZC	HPGG (D)	HPGG	更新

	VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives					
1943	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP055345.zip	VK000960GWEZD	HPGG (D)	HPGG	更新
1944	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP055345.zip	VK001920GWEZE	HPGG (D)	HPGG	更新
1945	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP055345.zip	MK000240GWEZF	HPGG (D)	HPGG	更新
1946	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP055345.zip	MK000480GWEZ H	HPGG (D)	HPGG	更新
1947	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP055345.zip	MK000960GWEZK	HPGG (D)	HPGG	更新
1948	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP055345.zip	MK001920GWHR U	HPGG (D)	HPGG	更新
1949	Online HDD/SSD Flash	CP055359.zip	MK000240GWKV	HPG5 (H)	HPG5	更新

	Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives		K			
1950	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP055359.zip	MK000480GWJPN	HPG5 (H)	HPG5	更新
1951	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP055359.zip	MK000960GWJPP	HPG5 (H)	HPG5	更新
1952	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP055359.zip	MK001920GWJPQ	HPG5 (H)	HPG5	更新
1953	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP055359.zip	VK000240GWJPD	HPG5 (H)	HPG5	更新
1954	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP055359.zip	VK000480GWJPE	HPG5 (H)	HPG5	更新
1955	Online HDD/SSD Flash	CP055359.zip	VK000960GWJPF	HPG5 (H)	HPG5	更新

	Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives					
1956	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP055359.zip	VK001920GWJPH	HPG5 (H)	HPG5	更新
1957	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP055359.zip	VK003840GWJPK	HPG5 (H)	HPG5	更新
1958	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives	CP053432.zip	VK000240GWSRQ	HPG4 (E)	HPG4	更新
1959	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives	CP053432.zip	VK000480GWSRR	HPG4 (E)	HPG4	更新
1960	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives	CP053432.zip	VK000960GWSRT	HPG4 (E)	HPG4	更新
1961	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives	CP053432.zip	VK001920GWSRU	HPG4 (E)	HPG4	更新
1962	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU,	CP053432.zip	VK003840GWSRV	HPG4 (E)	HPG4	更新

	VK003840GWSRV Drives					
1963	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTN Drives	CP053424.zip	VK000240GWTSV	HPG6 (E)	HPG6	更新
1964	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTN Drives	CP053424.zip	VK000480GWTTA	HPG6 (E)	HPG6	更新
1965	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTN Drives	CP053424.zip	VK000960GWTTB	HPG6 (E)	HPG6	更新
1966	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTN Drives	CP053424.zip	VK001920GWTTT	HPG6 (E)	HPG6	更新
1967	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTN Drives	CP053424.zip	VK003840GWTTD	HPG6 (E)	HPG6	更新
1968	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and	CP053424.zip	MK000480GWTT H	HPG6 (E)	HPG6	更新

	MK003840GWTTN Drives					
1969	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP053424.zip	MK000960GWTTK	HPG6 (E)	HPG6	更新
1970	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP053424.zip	MK001920GWTTL	HPG6 (E)	HPG6	更新
1971	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	CP053424.zip	MK003840GWTTN	HPG6 (E)	HPG6	更新
1972	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP053453.zip	VK000240GXAWE	HPG1 (D)	HPG1	更新
1973	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP053453.zip	VK000480GXAWK	HPG1 (D)	HPG1	更新
1974	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWE, VK000480GXAWK,	CP053453.zip	VK000960GXAWL	HPG1 (D)	HPG1	更新

	VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives					
1975	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWF, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP053453.zip	VK001920GXAWN	HPG1 (D)	HPG1	更新
1976	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWF, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP053453.zip	VK003840GXAWP	HPG1 (D)	HPG1	更新
1977	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWF, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP053453.zip	VK007680GXAWQ	HPG1 (D)	HPG1	更新
1978	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWF, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP053453.zip	MK000480GXAWF	HPG1 (D)	HPG1	更新

1979	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWA, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP053453.zip	MK000960GXAXB	HPG1 (D)	HPG1	更新
1980	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWA, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP053453.zip	MK001920GXAWR	HPG1 (D)	HPG1	更新
1981	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWA, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP053453.zip	MK003840GXAWT	HPG1 (D)	HPG1	更新
1982	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWA, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP053453.zip	VR000240GXBBL	HPG1 (D)	HPG1	更新
1983	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWA, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP053453.zip	MR000480GXBGH	HPG1 (D)	HPG1	更新



	GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives					
1984	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWF, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP053453.zip	MR000960GXBGK	HPG1 (D)	HPG1	更新
1985	Online HDD/SSD Flash Component for VMware ESXi - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives.	CP055690.zip	VK000240GZXRU	HPG1	HPG1	新規追加
1986	Online HDD/SSD Flash Component for VMware ESXi - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives.	CP055690.zip	VK000480GZXRF	HPG1	HPG1	新規追加
1987	Online HDD/SSD Flash Component for VMware ESXi - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives.	CP055690.zip	VK000960GZXQU	HPG1	HPG1	新規追加
1988	Online HDD/SSD Flash Component for VMware ESXi - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives.	CP055690.zip	VK001920GZXQV	HPG1	HPG1	新規追加
1989	Online HDD/SSD Flash Component for VMware ESXi - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives.	CP055690.zip	VK003840GZXRH	HPG1	HPG1	新規追加
1990	Online HDD/SSD Flash Component for VMware ESXi - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives.	CP055690.zip	VK007680GZXRT	HPG1	HPG1	新規追加

1991	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	CP055348.zip	VK000480GWSXF	HPG3 (D)	HPG3	更新
1992	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	CP055348.zip	VK000960GWSXH	HPG3 (D)	HPG3	更新
1993	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	CP055348.zip	VK001920GWSXK	HPG3 (D)	HPG3	更新
1994	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	CP055348.zip	MK000480GWUG F	HPG3 (D)	HPG3	更新
1995	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	CP055348.zip	MK000960GWUG H	HPG3 (D)	HPG3	更新
1996	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	CP055348.zip	MK001920GWUG K	HPG3 (D)	HPG3	更新
1997	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	CP055425.zip	VK000480GWTHA	HPG4 (B)	HPG4	更新
1998	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	CP055425.zip	VK000960GWTHB	HPG4 (B)	HPG4	更新
1999	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	CP055425.zip	VK001920GWTHC	HPG4 (B)	HPG4	更新

2000	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	CP055425.zip	VK003840GWTHD	HPG4 (B)	HPG4	更新
2001	Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	CP053478.zip	VK000480GZCNE	HPG2 (C)	HPG2	更新
2002	Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	CP053478.zip	VK000960GZCNF	HPG2 (C)	HPG2	更新
2003	Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	CP053478.zip	VK001920GZCNH	HPG2 (C)	HPG2	更新
2004	Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	CP053478.zip	VK003840GZCNK	HPG2 (C)	HPG2	更新
2005	Online HDD/SSD Flash Component for VMware ESXi - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	CP055419.zip	VK000960GXCLD	HPG3 (C)	HPG3	更新
2006	Online HDD/SSD Flash Component for VMware ESXi - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	CP055419.zip	VK001920GXCGP	HPG3 (C)	HPG3	更新
2007	Online HDD/SSD Flash Component for VMware ESXi - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	CP055419.zip	VK003840GXCGQ	HPG3 (C)	HPG3	更新
2008	Online HDD/SSD Flash Component for VMware ESXi - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	CP055419.zip	VK007680GXCGR	HPG3 (C)	HPG3	更新
2009	Online HDD/SSD Flash Component for VMware ESXi - VK003840GWSXL Drive	CP055349.zip	VK003840GWSXL	HPG3 (D)	HPG3	更新
2010	Online HDD/SSD Flash Component for VMware ESXi - VK007680GWSXN Drive	CP055346.zip	VK007680GWSXN	HPG3 (D)	HPG3	更新
2011	Online HDD/SSD Flash Component for VMware ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK,	CP055350.zip	VK0120GFDKE	HPG1 (L)	HPG1	更新

	VK1920GFDKL, and VK3840GFDKN Drives					
2012	Online HDD/SSD Flash Component for VMware ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP055350.zip	VK0240GFDKF	HPG1 (L)	HPG1	更新
2013	Online HDD/SSD Flash Component for VMware ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP055350.zip	VK0480GFDKH	HPG1 (L)	HPG1	更新
2014	Online HDD/SSD Flash Component for VMware ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP055350.zip	VK0960GFDKK	HPG1 (L)	HPG1	更新
2015	Online HDD/SSD Flash Component for VMware ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP055350.zip	VK1920GFDKL	HPG1 (L)	HPG1	更新
2016	Online HDD/SSD Flash Component for VMware ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP055350.zip	VK3840GFDKN	HPG1 (L)	HPG1	更新
2017	Online HDD/SSD Flash Component for VMware ESXi - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	CP055351.zip	VK0240GEPQN	HPG1 (L)	HPG1	更新
2018	Online HDD/SSD Flash Component for VMware ESXi - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	CP055351.zip	VK0480GEPQP	HPG1 (L)	HPG1	更新
2019	Online HDD/SSD Flash Component for VMware ESXi - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	CP055351.zip	VK0960GEPQQ	HPG1 (L)	HPG1	更新
2020	Online HDD/SSD Flash Component for VMware ESXi - VR000150GWEPP and VR000480GWEPR Drives	CP055355.zip	VR000150GWEPP	HPG1 (I)	HPG1	更新
2021	Online HDD/SSD Flash Component for VMware ESXi - VR000150GWEPP and VR000480GWEPR Drives	CP055355.zip	VR000480GWEPR	HPG1 (I)	HPG1	更新
2022	Online HDD/SSD Flash	CP055354.zip	XP0120GFJSL	HPS4 (L)	HPS4	更新

	Component for VMware ESXi - XP0120GFJSL and XP0240GFJSN Drives					
2023	Online HDD/SSD Flash Component for VMware ESXi - XP0120GFJSL and XP0240GFJSN Drives	CP055354.zip	XP0240GFJSN	HPS4 (L)	HPS4	更新
2024	Online HDD/SSD Flash Component for Windows (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPE and EK001600GWEPE Drives	cp055114.exe	EK000200GWEPD	HPG3 (H)	HPG3	更新
2025	Online HDD/SSD Flash Component for Windows (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPE and EK001600GWEPE Drives	cp055114.exe	EK000400GWEPE	HPG3 (H)	HPG3	更新
2026	Online HDD/SSD Flash Component for Windows (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPE and EK001600GWEPE Drives	cp055114.exe	EK000800GWEPE	HPG3 (H)	HPG3	更新
2027	Online HDD/SSD Flash Component for Windows (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPE and EK001600GWEPE Drives	cp055114.exe	EK001600GWEPE	HPG3 (H)	HPG3	更新
2028	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWCBC and MB002000GWCBD Drives	cp052749.exe	MB001000GWCBC C	HPG6 (G)	HPG6	更新
2029	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWCBC and MB002000GWCBD Drives	cp052749.exe	MB002000GWCBC D	HPG6 (G)	HPG6	更新
2030	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWFVK and MB002000GWFVL Drives	cp055117.exe	MB001000GWFVK	HPG6 (H)	HPG6	更新
2031	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWFVK and MB002000GWFVL Drives	cp055117.exe	MB002000GWFVK L	HPG6 (H)	HPG6	更新
2032	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GWFVA and MB004000GWFVB Drives	cp055133.exe	MB001000GWJAN	HPG1 (H)	HPG1	更新
2033	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GWFVA and MB004000GWFVB Drives	cp055133.exe	MB002000GWFVA A	HPG1 (H)	HPG1	更新
2034	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GWFVA and MB004000GWFVB Drives	cp055133.exe	MB004000GWFVA B	HPG1 (H)	HPG1	更新
2035	Online HDD/SSD Flash Component for Windows	cp055134.exe	MB001000GWFV F	HPG3 (I)	HPG3	更新

	(x64) - MB002000GWFGH and MB001000GWFGF Drives					
2036	Online HDD/SSD Flash Component for Windows (x64) - MB002000GWFGH and MB001000GWFGF Drives	cp055134.exe	MB002000GWFGH	HPG3 (I)	HPG3	更新
2037	Online HDD/SSD Flash Component for Windows (x64) - MB004000GWKGV Drive	cp055136.exe	MB004000GWKGV	HPG1 (H)	HPG1	更新
2038	Online HDD/SSD Flash Component for Windows (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	cp052423.exe	MB004000GWWQH	HPG5	HPG5	
2039	Online HDD/SSD Flash Component for Windows (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	cp052423.exe	MB002000GWWQF	HPG5	HPG5	
2040	Online HDD/SSD Flash Component for Windows (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	cp052423.exe	MB001000GWWQE	HPG5	HPG5	
2041	Online HDD/SSD Flash Component for Windows (x64) - MB006000GWBXQ and MB008000GWBXL Drives	cp055137.exe	MB006000GWBXQ	HPG8 (G)	HPG8	更新
2042	Online HDD/SSD Flash Component for Windows (x64) - MB006000GWBXQ and MB008000GWBXL Drives	cp055137.exe	MB008000GWBXL	HPG8 (G)	HPG8	更新
2043	Online HDD/SSD Flash Component for Windows (x64) - MB006000GWJRR and MB008000GWJRT Drives	cp055191.exe	MB006000GWJRR	HPG6 (B)	HPG6	更新
2044	Online HDD/SSD Flash Component for Windows (x64) - MB006000GWJRR and MB008000GWJRT Drives	cp055191.exe	MB008000GWJRT	HPG6 (B)	HPG6	更新
2045	Online HDD/SSD Flash Component for Windows (x64) - MB006000GWKGR Drive	cp055140.exe	MB006000GWKGR	HPG1 (H)	HPG1	更新
2046	Online HDD/SSD Flash Component for Windows (x64) - MB008000GWRTC Drive	cp055147.exe	MB008000GWRTC	HPG1 (H)	HPG1	更新
2047	Online HDD/SSD Flash Component for Windows (x64) - MB008000GWWQU and MB006000GWWQT Drives	cp055186.exe	MB008000GWWQU	HPG7 (B)	HPG7	更新
2048	Online HDD/SSD Flash Component for Windows (x64) - MB008000GWWQU and MB006000GWWQT Drives	cp055186.exe	MB006000GWWQT	HPG7 (B)	HPG7	更新
2049	Online HDD/SSD Flash Component for Windows (x64) - MB010000GWAYN and MB008000GWAYL Drives	cp053025.exe	MB010000GWAYN	HPG5 (G)	HPG5	
2050	Online HDD/SSD Flash Component for Windows (x64) - MB010000GWAYN and	cp053025.exe	MB008000GWAYL	HPG5 (G)	HPG5	

	MB008000GWAYL Drives					
2051	Online HDD/SSD Flash Component for Windows (x64) - MB012000GWDFE Drive	cp055150.exe	MB012000GWDFE	HPG3 (E)	HPG3	更新
2052	Online HDD/SSD Flash Component for Windows (x64) - MB012000GWTFE and MB014000GWTFF Drives	cp054892.exe	MB012000GWTFE	HPG8 (B)	HPG8	更新
2053	Online HDD/SSD Flash Component for Windows (x64) - MB012000GWTFE and MB014000GWTFF Drives	cp054892.exe	MB014000GWTFF	HPG8 (B)	HPG8	更新
2054	Online HDD/SSD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	cp055151.exe	MB014000GWRTN	HPG2 (G)	HPG2	更新
2055	Online HDD/SSD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	cp055151.exe	MB012000GWRTL	HPG2 (G)	HPG2	更新
2056	Online HDD/SSD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	cp055151.exe	MB010000GWRTK	HPG2 (G)	HPG2	更新
2057	Online HDD/SSD Flash Component for Windows (x64) - MB014000GWUDA Drive	cp055211.exe	MB014000GWUDA	HPG2 (H)	HPG2	更新
2058	Online HDD/SSD Flash Component for Windows (x64) - MB016000GWXKK Drive	cp055196.exe	MB016000GWXKK	HPG4	HPG4	更新
2059	Online HDD/SSD Flash Component for Windows (x64) - MB018000GXMTK and MB020000GXMTQ Drives	cp055668.exe	MB018000GXMTK	HPG1	HPG1	新規追加
2060	Online HDD/SSD Flash Component for Windows (x64) - MB018000GXMTK and MB020000GXMTQ Drives	cp055668.exe	MB020000GXMTQ	HPG1	HPG1	新規追加
2061	Online HDD/SSD Flash Component for Windows (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	cp055153.exe	MB1000GDUNU	HPG4 (K)	HPG4	更新
2062	Online HDD/SSD Flash Component for Windows (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	cp055153.exe	MB2000GDUNV	HPG4 (K)	HPG4	更新
2063	Online HDD/SSD Flash Component for Windows (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	cp055153.exe	MB3000GDUPA	HPG4 (K)	HPG4	更新
2064	Online HDD/SSD Flash Component for Windows (x64) - MB1000GDUNU, MB2000GDUNV,	cp055153.exe	MB4000GDUPB	HPG4 (K)	HPG4	更新

	MB3000GDUPA and MB4000GDUPB Drives					
2065	Online HDD/SSD Flash Component for Windows (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	cp052429.exe	MB1000GVYZE	HPG5	HPG5	
2066	Online HDD/SSD Flash Component for Windows (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	cp052429.exe	MB2000GVYZF	HPG5	HPG5	
2067	Online HDD/SSD Flash Component for Windows (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	cp052429.exe	MB3000GVYZH	HPG5	HPG5	
2068	Online HDD/SSD Flash Component for Windows (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	cp052429.exe	MB4000GVYZK	HPG5	HPG5	
2069	Online HDD/SSD Flash Component for Windows (x64) - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	cp055155.exe	MB2000GCWLT	HPG4 (K)	HPG4	更新
2070	Online HDD/SSD Flash Component for Windows (x64) - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	cp055155.exe	MB3000GCWLU	HPG4 (K)	HPG4	更新
2071	Online HDD/SSD Flash Component for Windows (x64) - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	cp055155.exe	MB4000GCWLV	HPG4 (K)	HPG4	更新
2072	Online HDD/SSD Flash Component for Windows (x64) - MB2000GFEMH and MB4000GFEMK Drives	cp053032.exe	MB2000GFEMH	HPG6 (I)	HPG6	
2073	Online HDD/SSD Flash Component for Windows (x64) - MB2000GFEMH and MB4000GFEMK Drives	cp053032.exe	MB4000GFEMK	HPG6 (I)	HPG6	
2074	Online HDD/SSD Flash Component for Windows (x64) - MB4000GEFNA and MB6000GEFNB Drives	cp055157.exe	MB4000GEFNA	HPG6 (K)	HPG6	更新
2075	Online HDD/SSD Flash Component for Windows (x64) - MB4000GEFNA and MB6000GEFNB Drives	cp055157.exe	MB6000GEFNB	HPG6 (K)	HPG6	更新
2076	Online HDD/SSD Flash Component for Windows (x64) - MB4000GEQNH and MB6000GEQNK Drives	cp053036.exe	MB4000GEQNH	HPGB (I)	HPGB	
2077	Online HDD/SSD Flash Component for Windows (x64) - MB4000GEQNH and MB6000GEQNK Drives	cp053036.exe	MB6000GEQNK	HPGB (I)	HPGB	
2078	Online HDD/SSD Flash	cp055160.exe	MB6000GEBTP	HPG4 (J)	HPG4	更新



	Component for Windows (x64) - MB6000GEBTP Drive					
2079	Online HDD/SSD Flash Component for Windows (x64) - MB6000GEQUT and MB8000GEQUU Drives	cp053040.exe	MB6000GEQUT	HPGB (I)	HPGB	
2080	Online HDD/SSD Flash Component for Windows (x64) - MB6000GEQUT and MB8000GEQUU Drives	cp053040.exe	MB8000GEQUU	HPGB (I)	HPGB	
2081	Online HDD/SSD Flash Component for Windows (x64) - MB6000GEXXV Drive	cp052958.exe	MB6000GEXXV	HPG2 (K)	HPG2	更新
2082	Online HDD/SSD Flash Component for Windows (x64) - MB6000GVYYU Drive	cp055161.exe	MB6000GVYYU	HPG2 (J)	HPG2	更新
2083	Online HDD/SSD Flash Component for Windows (x64) - MB6000GVYZB and MB4000GVYZA Drives	cp052426.exe	MB6000GVYZB	HPG5	HPG5	
2084	Online HDD/SSD Flash Component for Windows (x64) - MB6000GVYZB and MB4000GVYZA Drives	cp052426.exe	MB4000GVYZA	HPG5	HPG5	
2085	Online HDD/SSD Flash Component for Windows (x64) - MB8000GFECR Drive	cp055165.exe	MB8000GFECR	HPG6 (G)	HPG6	更新
2086	Online HDD/SSD Flash Component for Windows (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	cp055169.exe	MK000480GWCEV	HPG3 (H)	HPG3	更新
2087	Online HDD/SSD Flash Component for Windows (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	cp055169.exe	MK000960GWCFA	HPG3 (H)	HPG3	更新
2088	Online HDD/SSD Flash Component for Windows (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	cp055169.exe	MK001920GWCFB	HPG3 (H)	HPG3	更新
2089	Online HDD/SSD Flash Component for Windows (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	cp055169.exe	MK000240GWCEU	HPG3 (H)	HPG3	更新
2090	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	cp055187.exe	MK000480GWSSC	HPG3 (F)	HPG3	更新
2091	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	cp055187.exe	MK000960GWSSD	HPG3 (F)	HPG3	更新
2092	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWSSC,	cp055187.exe	MK001920GWSSE	HPG3 (F)	HPG3	更新

	MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives					
2093	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	cp055187.exe	MK003840GWSSF	HPG3 (F)	HPG3	更新
2094	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	cp055203.exe	MK000480GWXFF	HPG2 (D)	HPG2	更新
2095	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	cp055203.exe	MK000960GWXF H	HPG2 (D)	HPG2	更新
2096	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	cp055203.exe	MK001920GWXFK	HPG2 (D)	HPG2	更新
2097	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	cp055203.exe	MK003840GWXFL	HPG2 (D)	HPG2	更新
2098	Online HDD/SSD Flash Component for Windows (x64) - MK000480GZXRA, MK000960GZXR B, MK001920GZXRC and MK003840GZXRV Drives	cp055687.exe	MK000480GZXRA	HPG1	HPG1	新規追加
2099	Online HDD/SSD Flash Component for Windows (x64) - MK000480GZXRA, MK000960GZXR B, MK001920GZXRC and MK003840GZXRV Drives	cp055687.exe	MK000960GZXR B	HPG1	HPG1	新規追加
2100	Online HDD/SSD Flash Component for Windows (x64) - MK000480GZXRA, MK000960GZXR B, MK001920GZXRC and MK003840GZXRV Drives	cp055687.exe	MK001920GZXRC	HPG1	HPG1	新規追加
2101	Online HDD/SSD Flash Component for Windows (x64) - MK000480GZXRA, MK000960GZXR B, MK001920GZXRC and MK003840GZXRV Drives	cp055687.exe	MK003840GZXRV	HPG1	HPG1	新規追加
2102	Online HDD/SSD Flash Component for Windows (x64) - MK003840GWHTE Drive	cp055167.exe	MK003840GWHTE E	HPG8 (D)	HPG8	更新
2103	Online HDD/SSD Flash Component for Windows (x64) - MK0960GECQK Drive	cp053052.exe	MK0960GECQK	HPG3 (L)	HPG3	
2104	Online HDD/SSD Flash Component for Windows	cp052336.exe	MM1000GFJTE	HPG6	HPG6	

	(x64) - MM1000GFJTE Drive					
2105	Online HDD/SSD Flash Component for Windows (x64) - MM2000GEFRA Drive	cp052135.exe	MM2000GEFRA	HPG9	HPG9	
2106	Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp055173.exe	MR000240GWFLU	HPGG (D)	HPGG	更新
2107	Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp055173.exe	MR000480GWFLV	HPGG (D)	HPGG	更新
2108	Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp055173.exe	VR000480GWFMD	HPGG (D)	HPGG	更新
2109	Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp055173.exe	MR000960GWFMA	HPGG (D)	HPGG	更新
2110	Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp055173.exe	VR000960GWFME	HPGG (D)	HPGG	更新
2111	Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp055173.exe	MR001920GWFMB	HPGG (D)	HPGG	更新
2112	Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp055173.exe	VR001920GWFMC	HPGG (D)	HPGG	更新

	VR001920GWFMC Drives					
2113	Online HDD/SSD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	cp055175.exe	VK000150GWCNN	HPG1 (G)	HPG1	更新
2114	Online HDD/SSD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	cp055175.exe	VK000240GWCNP	HPG1 (G)	HPG1	更新
2115	Online HDD/SSD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	cp055175.exe	VK000480GWCNQ	HPG1 (G)	HPG1	更新
2116	Online HDD/SSD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	cp055175.exe	VK000960GWCNR	HPG1 (G)	HPG1	更新
2117	Online HDD/SSD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	cp055175.exe	VK001600GWCNT	HPG1 (G)	HPG1	更新
2118	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	cp055177.exe	VK000480GWCFE	HPG3 (H)	HPG3	更新
2119	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	cp055177.exe	VK000960GWCFE	HPG3 (H)	HPG3	更新
2120	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	cp055177.exe	VK000240GWCFD	HPG3 (H)	HPG3	更新
2121	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	cp055177.exe	VK001920GWCFH	HPG3 (H)	HPG3	更新
2122	Online HDD/SSD Flash Component for Windows	cp055177.exe	VK003840GWCFK	HPG3 (H)	HPG3	更新

	(x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives					
2123	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp055176.exe	VK000240GWEZB	HPGG (D)	HPGG	更新
2124	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp055176.exe	VK000480GWEZC	HPGG (D)	HPGG	更新
2125	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp055176.exe	VK000960GWEZD	HPGG (D)	HPGG	更新
2126	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp055176.exe	VK001920GWEZE	HPGG (D)	HPGG	更新
2127	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp055176.exe	MK000240GWEZF	HPGG (D)	HPGG	更新
2128	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp055176.exe	MK000480GWEZ H	HPGG (D)	HPGG	更新
2129	Online HDD/SSD Flash	cp055176.exe	MK000960GWEZK	HPGG (D)	HPGG	更新

	Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives					
2130	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp055176.exe	MK001920GWHRU	HPGG (D)	HPGG	更新
2131	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	cp053095.exe	MK000240GWKVK	HPG5 (F)	HPG5	
2132	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	cp053095.exe	MK000480GWJPN	HPG5 (F)	HPG5	
2133	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	cp053095.exe	MK000960GWJPP	HPG5 (F)	HPG5	
2134	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	cp053095.exe	MK001920GWJPPQ	HPG5 (F)	HPG5	
2135	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD,	cp053095.exe	VK000240GWJPD	HPG5 (F)	HPG5	

	VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives					
2136	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp053095.exe	VK000480GWJPE	HPG5 (F)	HPG5	
2137	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp053095.exe	VK000960GWJPF	HPG5 (F)	HPG5	
2138	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp053095.exe	VK001920GWJPH	HPG5 (F)	HPG5	
2139	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp053095.exe	VK003840GWJPK	HPG5 (F)	HPG5	
2140	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	cp055188.exe	VK000240GWSRQ	HPG4 (F)	HPG4	更新
2141	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	cp055188.exe	VK000480GWSRR	HPG4 (F)	HPG4	更新

2142	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	cp055188.exe	VK000960GWSRT	HPG4 (F)	HPG4	更新
2143	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	cp055188.exe	VK001920GWSRU	HPG4 (F)	HPG4	更新
2144	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	cp055188.exe	VK003840GWSRV	HPG4 (F)	HPG4	更新
2145	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTT Drives	cp055178.exe	VK000240GWTSV	HPG6 (F)	HPG6	更新
2146	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTT Drives	cp055178.exe	VK000480GWTTA	HPG6 (F)	HPG6	更新
2147	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTT Drives	cp055178.exe	VK000960GWTTB	HPG6 (F)	HPG6	更新
2148	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTT Drives	cp055178.exe	VK001920GWTTT	HPG6 (F)	HPG6	更新
2149	Online HDD/SSD Flash	cp055178.exe	VK003840GWTTD	HPG6 (F)	HPG6	更新



	Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GW TTH, MK000960GW TTK, MK001920GW TTL and MK003840GW TTN Drives					
2150	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GW TTH, MK000960GW TTK, MK001920GW TTL and MK003840GW TTN Drives	cp055178.exe	MK000480GWTT H	HPG6 (F)	HPG6	更新
2151	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GW TTH, MK000960GW TTK, MK001920GW TTL and MK003840GW TTN Drives	cp055178.exe	MK000960GWTTK	HPG6 (F)	HPG6	更新
2152	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GW TTH, MK000960GW TTK, MK001920GW TTL and MK003840GW TTN Drives	cp055178.exe	MK001920GW TTL	HPG6 (F)	HPG6	更新
2153	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GW TTH, MK000960GW TTK, MK001920GW TTL and MK003840GW TTN Drives	cp055178.exe	MK003840GWTT N	HPG6 (F)	HPG6	更新
2154	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAW E, VK000480GXAW K, VK000960GXAW L, VK001920GXAW N, VK003840GXAW P, VK007680GXAW Q, MK000480GXAW F, MK000960GXAW B, MK001920GXAW R, MK003840GXAW T,	cp055201.exe	VK000240GXAW E	HPG1 (E)	HPG1	更新

	VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives					
2155	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp055201.exe	VK000480GXAWK	HPG1 (E)	HPG1	更新
2156	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp055201.exe	VK000960GXAWL	HPG1 (E)	HPG1	更新
2157	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp055201.exe	VK001920GXAWN	HPG1 (E)	HPG1	更新
2158	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp055201.exe	VK003840GXAWP	HPG1 (E)	HPG1	更新
2159	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE,	cp055201.exe	VK007680GXAWQ	HPG1 (E)	HPG1	更新

	VK000480GXA WK, VK000960GXA WL, VK001920GXA WN, VK003840GXA WP, VK007680GXA WQ, MK000480GXA WF, MK000960GXA XB, MK001920GXA WR, MK003840GXA WT, VR000240GXB BL, MR000480GXB GH and MR000960GXB GK Drives					
2160	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXA WK, VK000960GXA WL, VK001920GXA WN, VK003840GXA WP, VK007680GXA WQ, MK000480GXA WF, MK000960GXA XB, MK001920GXA WR, MK003840GXA WT, VR000240GXB BL, MR000480GXB GH and MR000960GXB GK Drives	cp055201.exe	MK000480GXA WF	HPG1 (E)	HPG1	更新
2161	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXA WK, VK000960GXA WL, VK001920GXA WN, VK003840GXA WP, VK007680GXA WQ, MK000480GXA WF, MK000960GXA XB, MK001920GXA WR, MK003840GXA WT, VR000240GXB BL, MR000480GXB GH and MR000960GXB GK Drives	cp055201.exe	MK000960GXA XB	HPG1 (E)	HPG1	更新
2162	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXA WK, VK000960GXA WL, VK001920GXA WN, VK003840GXA WP, VK007680GXA WQ, MK000480GXA WF, MK000960GXA XB, MK001920GXA WR, MK003840GXA WT, VR000240GXB BL, MR000480GXB GH and MR000960GXB GK Drives	cp055201.exe	MK001920GXA WR	HPG1 (E)	HPG1	更新
2163	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXA WK, VK000960GXA WL, VK001920GXA WN, VK003840GXA WP, VK007680GXA WQ, MK000480GXA WF,	cp055201.exe	MK003840GXA WT	HPG1 (E)	HPG1	更新

	MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives					
2164	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp055201.exe	VR000240GXBBL	HPG1 (E)	HPG1	更新
2165	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp055201.exe	MR000480GXBGH	HPG1 (E)	HPG1	更新
2166	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp055201.exe	MR000960GXBGK	HPG1 (E)	HPG1	更新
2167	Online HDD/SSD Flash Component for Windows (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	cp055692.exe	VK000240GZXRU	HPG1	HPG1	新規追加
2168	Online HDD/SSD Flash Component for Windows (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and	cp055692.exe	VK000480GZXRF	HPG1	HPG1	新規追加

	VK007680GZXRT Drives					
2169	Online HDD/SSD Flash Component for Windows (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	cp055692.exe	VK000960GZXQU	HPG1	HPG1	新規追加
2170	Online HDD/SSD Flash Component for Windows (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	cp055692.exe	VK001920GZXQV	HPG1	HPG1	新規追加
2171	Online HDD/SSD Flash Component for Windows (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	cp055692.exe	VK003840GZXRH	HPG1	HPG1	新規追加
2172	Online HDD/SSD Flash Component for Windows (x64) - VK000240GZXRU, VK000480GZXRF, VK000960GZXQU, VK001920GZXQV, VK003840GZXRH and VK007680GZXRT Drives	cp055692.exe	VK007680GZXRT	HPG1	HPG1	新規追加
2173	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	cp055179.exe	VK000480GWSXF	HPG3 (D)	HPG3	更新
2174	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	cp055179.exe	VK000960GWSXH	HPG3 (D)	HPG3	更新
2175	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	cp055179.exe	VK001920GWSXK	HPG3 (D)	HPG3	更新
2176	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	cp055179.exe	MK000480GWUG F	HPG3 (D)	HPG3	更新
2177	Online HDD/SSD Flash	cp055179.exe	MK000960GWUG	HPG3 (D)	HPG3	更新

	Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives		H			
2178	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	cp055179.exe	MK001920GWUGK	HPG3 (D)	HPG3	更新
2179	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp053599.exe	VK000480GWTHA	HPG4	HPG4	
2180	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp053599.exe	VK000960GWTHB	HPG4	HPG4	
2181	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp053599.exe	VK001920GWTHC	HPG4	HPG4	
2182	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp053599.exe	VK003840GWTHD	HPG4	HPG4	
2183	Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	cp055214.exe	VK000480GZCNE	HPG2 (D)	HPG2	更新
2184	Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	cp055214.exe	VK000960GZCNF	HPG2 (D)	HPG2	更新
2185	Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	cp055214.exe	VK001920GZCNH	HPG2 (D)	HPG2	更新
2186	Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	cp055214.exe	VK003840GZCNK	HPG2 (D)	HPG2	更新
2187	Online HDD/SSD Flash Component for Windows (x64) - VK000960GXCLD,	cp053104.exe	VK000960GXCLD	HPG3 (B)	HPG3	

	VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives					
2188	Online HDD/SSD Flash Component for Windows (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	cp053104.exe	VK001920GXCGP	HPG3 (B)	HPG3	
2189	Online HDD/SSD Flash Component for Windows (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	cp053104.exe	VK003840GXCGQ	HPG3 (B)	HPG3	
2190	Online HDD/SSD Flash Component for Windows (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	cp053104.exe	VK007680GXCGR	HPG3 (B)	HPG3	
2191	Online HDD/SSD Flash Component for Windows (x64) - VK003840GWSXL Drive	cp055180.exe	VK003840GWSXL	HPG3 (D)	HPG3	更新
2192	Online HDD/SSD Flash Component for Windows (x64) - VK007680GWSXN Drive	cp055181.exe	VK007680GWSXN	HPG3 (D)	HPG3	更新
2193	Online HDD/SSD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	cp055182.exe	VK0120GFDKE	HPG1 (J)	HPG1	更新
2194	Online HDD/SSD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	cp055182.exe	VK0240GFDKF	HPG1 (J)	HPG1	更新
2195	Online HDD/SSD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	cp055182.exe	VK0480GFDKH	HPG1 (J)	HPG1	更新
2196	Online HDD/SSD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	cp055182.exe	VK0960GFDKK	HPG1 (J)	HPG1	更新
2197	Online HDD/SSD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	cp055182.exe	VK1920GFDKL	HPG1 (J)	HPG1	更新
2198	Online HDD/SSD Flash Component for Windows	cp055182.exe	VK3840GFDKN	HPG1 (J)	HPG1	更新

	(x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives					
2199	Online HDD/SSD Flash Component for Windows (x64) - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	cp055183.exe	VK0240GEPQN	HPG1 (J)	HPG1	更新
2200	Online HDD/SSD Flash Component for Windows (x64) - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	cp055183.exe	VK0480GEPQP	HPG1 (J)	HPG1	更新
2201	Online HDD/SSD Flash Component for Windows (x64) - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	cp055183.exe	VK0960GEPQQ	HPG1 (J)	HPG1	更新
2202	Online HDD/SSD Flash Component for Windows (x64) - VR000150GWEPP and VR000480GWEPR Drives	cp053090.exe	VR000150GWEPP	HPG1 (G)	HPG1	
2203	Online HDD/SSD Flash Component for Windows (x64) - VR000150GWEPP and VR000480GWEPR Drives	cp053090.exe	VR000480GWEPR	HPG1 (G)	HPG1	
2204	Online HDD/SSD Flash Component for Windows (x64) - XP0120GFJSL and XP0240GFJSN Drives	cp055185.exe	XP0120GFJSL	HPS4 (J)	HPS4	更新
2205	Online HDD/SSD Flash Component for Windows (x64) - XP0120GFJSL and XP0240GFJSN Drives	cp055185.exe	XP0240GFJSN	HPS4 (J)	HPS4	更新

### 6.2.16 Firmware - Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2206	Firmware Package - HPE MR216i-a Gen10 Plus Tri Mode Controller	HPE_MR216i-a_Gen10_52.22.3-4650_B.fwpkg	Broadcom MR216i-a Cntrl for HPE Gen10+	52.22.3-4650 (B)	52.22.3-4650	更新
2207	Firmware Package - HPE MR216i-p Gen10 Plus Tri Mode Controller with Gen10 and Gen10 Plus servers	HPE_MR216i-p_Gen10_52.22.3-4650_C.fwpkg	Broadcom MR216i-p Cntrl for HPE Gen10+	52.22.3-4650 (C)	52.22.3-4650	更新
2208	Firmware Package - HPE MR416i-a Gen10 Plus Tri Mode Controller	HPE_MR416i-a_Gen10_52.22.3-4650_B.fwpkg	Broadcom MR416i-a Cntrl for HPE Gen10+	52.22.3-4650 (B)	52.22.3-4650	更新
2209	Firmware Package - HPE MR416i-p Gen10 Plus Tri Mode Controller with Gen10 and Gen10 Plus servers	HPE_MR416i-p_Gen10_52.22.3-4650_C.fwpkg	Broadcom MR416i-p Cntrl for HPE Gen10+	52.22.3-4650 (C)	52.22.3-4650	更新
2210	Firmware Package - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408e-m, P204i-c and P816i-a SR Gen10 and Gen11 controllers	HPE_SR_Gen10_5.61_C.fwpkg	HPE_SR_Gen10_5.61	5.61 (C)	5.61	更新
2211	Firmware Package - HPE SR932i-p Gen10 Plus /SR416i-a Gen10 Plus/SR932i-p Gen11/SR416ie-m Gen11	HPE_SR416i-SR932i-Gen10P_Gen11_03.01.17.056_B.fwpkg	Microchip SR416i-a Cntrl for HPE Gen10+	03.01.17.056 (B)	03.01.17.056	更新



	Controllers					
2212	Firmware Package - HPE SR932i-p Gen10 Plus /SR416i-a Gen10 Plus/SR932i-p Gen11/SR416ie-m Gen11 Controllers	HPE_SR416_SR932_Gen10P_Gen11_03.01.17.056_B.fwpkg	Microchip SR932i-p Cntrl for HPE Gen10+	03.01.17.056 (B)	03.01.17.056	更新
2213	Online Firmware Flash for ESXi - HPE Gen11 Boot Controller NS204i-u, NS204i-d and HPE Gen10 Plus Boot Controller NS204i-p, NS204i-d, NS204i-t, NS204i-r	CP056151.zip	HPE NS204i-p Gen10+ Boot Controller	1.0.14.1063	1.0.14.1063	新規追加
2214	Online Firmware Flash for ESXi - HPE Gen11 Boot Controller NS204i-u, NS204i-d and HPE Gen10 Plus Boot Controller NS204i-p, NS204i-d, NS204i-t, NS204i-r	CP056151.zip	HPE NS204i-r Gen10+ Boot Controller	1.0.14.1063	1.0.14.1063	新規追加
2215	Online Firmware Flash for Linux(x64) - HPE Gen11 Boot Controller NS204i-u, NS204i-d and HPE Gen10 Plus Boot Controller NS204i-p, NS204i-d, NS204i-t, NS204i-r	firmware-9041739931-1.0.14.1063-1.1.x86_64.rpm	HPE NS204i-r Gen10+ Boot Controller	1.0.14.1063	1.0.14.1063	新規追加
2216	Online Firmware Flash for Linux(x64) - HPE Gen11 Boot Controller NS204i-u, NS204i-d and HPE Gen10 Plus Boot Controller NS204i-p, NS204i-d, NS204i-t, NS204i-r	firmware-9041739931-1.0.14.1063-1.1.x86_64.rpm	HPE NS204i-p Gen10+ Boot Controller	1.0.14.1063	1.0.14.1063	新規追加
2217	Online Firmware Flash for Windows - HPE Gen11 Boot Controller NS204i-u, NS204i-d and HPE Gen10 Plus Boot Controller NS204i-p, NS204i-d, NS204i-t, NS204i-r	cp056149.exe	HPE NS204i-p Gen10+ Boot Controller	1.0.14.1063	1.0.14.1063	新規追加
2218	Online Firmware Flash for Windows - HPE Gen11 Boot Controller NS204i-u, NS204i-d and HPE Gen10 Plus Boot Controller NS204i-p, NS204i-d, NS204i-t, NS204i-r	cp056149.exe	HPE NS204i-r Gen10+ Boot Controller	1.0.14.1063	1.0.14.1063	新規追加
2219	Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	firmware-smartarray-f7c07bdbbd-5.61-2.1.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	5.61 (B)	5.61	更新
2220	Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	firmware-smartarray-f7c07bdbbd-5.61-2.1.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	5.61 (B)	5.61	更新
2221	Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	firmware-smartarray-f7c07bdbbd-5.61-2.1.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	5.61 (B)	5.61	更新
2222	Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	firmware-smartarray-f7c07bdbbd-5.61-2.1.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	5.61 (B)	5.61	更新

2223	Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	firmware-smartarray-f7c07bdbbd-5.61-2.1.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	5.61 (B)	5.61	更新
2224	Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	firmware-smartarray-f7c07bdbbd-5.61-2.1.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	5.61 (B)	5.61	更新
2225	Online ROM Flash Component for VMware ESXi - HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers	CP056068.zip	HPE 12Gb SAS Expander Card	5.14 (D)	5.14	更新
2226	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	CP056274.zip	HPE Smart Array P816i-a SR Gen10 Controller	5.61 (B)	5.61	更新
2227	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	CP056274.zip	HPE Smart Array E208e-p SR Gen10 Controller	5.61 (B)	5.61	更新
2228	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	CP056274.zip	HPE Smart Array P408i-p SR Gen10 Controller	5.61 (B)	5.61	更新
2229	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	CP056274.zip	HPE Smart Array P408i-a SR Gen10 Controller	5.61 (B)	5.61	更新
2230	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	CP056274.zip	HPE Smart Array E208i-a SR Gen10 Controller	5.61 (B)	5.61	更新
2231	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	CP056274.zip	HPE Smart Array E208i-p SR Gen10 Controller	5.61 (B)	5.61	更新
2232	Online ROM Flash Component for Windows (x64) - HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers	cp053176.exe	HPE 12Gb SAS Expander Card	5.14 (B)	5.14	
2233	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	cp056272.exe	HPE Smart Array P816i-a SR Gen10 Controller	5.61 (B)	5.61	更新

2234	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	cp056272.exe	HPE Smart Array P408i-a SR Gen10 Controller	5.61 (B)	5.61	更新
2235	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	cp056272.exe	HPE Smart Array P408i-p SR Gen10 Controller	5.61 (B)	5.61	更新
2236	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	cp056272.exe	HPE Smart Array E208e-p SR Gen10 Controller	5.61 (B)	5.61	更新
2237	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	cp056272.exe	HPE Smart Array E208i-a SR Gen10 Controller	5.61 (B)	5.61	更新
2238	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10	cp056272.exe	HPE Smart Array E208i-p SR Gen10 Controller	5.61 (B)	5.61	更新
2239	Supplemental Update / Online ROM Flash Component for Linux (x64) – HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers	firmware-smartarray-1f19a4a64d-5.14-2.1.x86_64.rpm	HPE 12Gb SAS Expander Card	5.14 (B)	5.14	

## 6.2.17 Firmware - Storage Fibre Channel

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2240	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2023.03.01-1.3.x86_64.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2023.03.01	14.0.499.29	更新
2241	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2023.03.01-1.3.x86_64.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2023.03.01	14.0.499.29	更新
2242	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2023.03.01-1.3.x86_64.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2023.03.01	14.0.499.29	更新
2243	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2023.03.01-1.3.x86_64.rpm	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2023.03.01	14.0.499.29	更新
2244	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2023.03.01-1.3.x86_64.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2023.03.01	14.0.499.29	更新
2245	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2023.03.01-1.3.x86_64.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2023.03.01	14.0.499.29	更新

2246	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022 x64	cp054529.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2023.03.01	14.0.499.29	更新
2247	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022 x64	cp054529.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2023.03.01	14.0.499.29	更新
2248	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022 x64	cp054529.exe	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2023.03.01	14.0.499.29	更新
2249	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022 x64	cp054529.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2023.03.01	14.0.499.29	更新
2250	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022 x64	cp054529.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2023.03.01	14.0.499.29	更新
2251	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022 x64	cp054529.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2023.03.01	14.0.499.29	更新
2252	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP054526.zip	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2023.03.01	14.0.499.29	更新
2253	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP054526.zip	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2023.03.01	14.0.499.29	更新
2254	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP054526.zip	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2023.03.01	14.0.499.29	更新
2255	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP054526.zip	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2023.03.01	14.0.499.29	更新
2256	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP054526.zip	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2023.03.01	14.0.499.29	更新
2257	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP054526.zip	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2023.03.01	14.0.499.29	更新
2258	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2023.04.01-1.1.x86_64.rpm	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2023.04.01	02.00.01	更新
2259	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2023.04.01-1.1.x86_64.rpm	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2023.04.01	02.00.01	更新
2260	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2023.04.01-1.1.x86_64.rpm	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2023.04.01	02.00.01	更新

2261	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2023.04.01-1.1.x86_64.rpm	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2023.04.01	02.00.01	更新
2262	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2023.04.01-1.1.x86_64.rpm	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2023.04.01	02.07.04	更新
2263	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2023.04.01-1.1.x86_64.rpm	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2023.04.01	02.07.04	更新
2264	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022 (x86_64)	cp055608.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2023.04.01	02.00.01	更新
2265	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022 (x86_64)	cp055608.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2023.04.01	02.00.01	更新
2266	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022 (x86_64)	cp055608.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2023.04.01	02.00.01	更新
2267	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022 (x86_64)	cp055608.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2023.04.01	02.00.01	更新
2268	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022 (x86_64)	cp055608.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2023.04.01	02.07.04	更新
2269	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022 (x86_64)	cp055608.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2023.04.01	02.07.04	更新
2270	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP055605.zip	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2023.04.01	02.00.01	更新
2271	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP055605.zip	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2023.04.01	02.00.01	更新
2272	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP055605.zip	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2023.04.01	02.00.01	更新
2273	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP055605.zip	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2023.04.01	02.00.01	更新
2274	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP055605.zip	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2023.04.01	02.07.04	更新
2275	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP055605.zip	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2023.04.01	02.07.04	更新

## 6.2.18 Firmware – System

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2276	Firmware Package - Gen10 NVMe Backplane PIC Firmware	ISS_NVMe_BP_PIC_flas hV1B24.fwpkg	NVMe Backplane PIC	1.24 (E)	1.24	
2277	Online Flash Component for Linux - Gen10Plus UBM2 Backplane PIC Firmware	firmware-smartarray-40023de47f-1.20-2.1.x86_64.rpm	Gen10Plus_UBM2_Backplane_PIC	1.20 (B)	1.20	
2278	Online Flash Component for Linux - Gen10Plus UBM3 Backplane PIC Firmware	firmware-ff3fa73ca1-1.24-2.1.x86_64.rpm	Gen10Plus_UBM3_Backplane_PIC	1.24 (B)	1.24	
2279	Online Flash Component for Linux - Gen10Plus UBM4 Backplane PIC Firmware	firmware-8586fe2547-1.24-2.1.x86_64.rpm	Gen10Plus_UBM4_Backplane_PIC	1.24 (B)	1.24	
2280	Online Flash Component for Linux - Gen10Plus UBM6 Backplane PIC Firmware	firmware-ff3fa73ca1-1.02-1.1.x86_64.rpm	Gen10Plus_UBM6_Backplane_PIC	1.02	1.02	新規追加
2281	Online Flash Component for Windows x64 - Gen10Plus UBM2 Backplane PIC Firmware	cp052829.exe	Gen10Plus_UBM2_Backplane_PIC	1.20 (B)	1.20	
2282	Online Flash Component for Windows x64 - Gen10Plus UBM3 Backplane PIC Firmware	cp052311.exe	Gen10Plus_UBM3_Backplane_PIC	1.24 (B)	1.24	
2283	Online Flash Component for Windows x64 - Gen10Plus UBM4 Backplane PIC Firmware	cp053175.exe	Gen10Plus_UBM4_Backplane_PIC	1.24 (B)	1.24	
2284	Online Flash Component for Windows x64 - Gen10Plus UBM6 Backplane PIC Firmware	cp051823.exe	Gen10Plus_UBM6_Backplane_PIC	1.02	1.02	新規追加
2285	Online Flash for Linux - Innovation Engine Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors	firmware-ie-0.2.3.0-2.1.x86_64.rpm	Innovation Engine (IE) Firmware	0.2.3.0 (B)	0.2.3.0	
2286	Online Flash for Linux - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors	firmware-sps-04.01.04.901-1.1.x86_64.rpm	Server Platform Services (SPS) Firmware	04.01.04.901	04.01.04.901	更新
2287	Online Flash for Linux - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	firmware-sps-04.04.04.300-1.1.x86_64.rpm	Server Platform Services (SPS) Firmware	04.04.04.300	04.04.04.300	更新
2288	Online Flash for Windows x64 - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors	cp055564.exe	Server Platform Services (SPS) Firmware	04.01.04.901	04.01.04.901	更新
2289	Online Flash for Windows x64 - Server Platform Services (SPS) Firmware for servers	cp055637.exe	Server Platform Services (SPS) Firmware	04.04.04.300	04.04.04.300	更新

	using Intel Xeon Scalable 4300/5300/6300/8300 series Processors					
2290	Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	cp055110.exe	Server Platform Services (SPS) Firmware for Intel C242 and C...	05.01.04.804	05.01.04.804	更新
2291	Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	cp055375.exe	Server Platform Services Manageability Engine Firmware	06.00.03.309	06.00.03.309	更新
2292	Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems	cp055368.exe	Server Platform Services Manageability Engine Firmware for t...	06.00.03.309	06.00.03.309	更新
2293	Online ROM Flash for Linux - Innovation Engine Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	firmware-ie-1.0.0.22-2.1.x86_64.rpm	Innovation Engine (IE) Firmware	1.0.0.22 (B)	1.0.0.22	
2294	Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	firmware-u43u44sps-05.01.04.804-1.1.x86_64.rpm	Server Platform Services (SPS) Firmware for Intel C242 and C...	05.01.04.804	05.01.04.804	更新
2295	Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	firmware-u61sps-06.00.03.309-1.1.x86_64.rpm	Server Platform Services Manageability Engine Firmware	06.00.03.309	06.00.03.309	更新
2296	Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems	firmware-u60sps-06.00.03.309-1.1.x86_64.rpm	Server Platform Services Manageability Engine Firmware for t...	06.00.03.309	06.00.03.309	更新
2297	ROM Flash Firmware Package - Innovation Engine Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors	OEM.IEGen10_0.2.3.0.fwpkg	Innovation Engine (IE) Universal Image.	0.2.3.0 (B)	0.2.3.0	
2298	ROM Flash Firmware Package - Innovation Engine Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	OEM.IEGen10Plus_1.0.0.22.fwpkg	Innovation Engine (IE) Universal Image	1.0.0.22 (B)	1.0.0.22	
2299	ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors	OEM.SPSGen10_04.01.04.901.fwpkg	Server Platform Services (SPS) Firmware	04.01.04.901	04.01.04.901	更新
2300	ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable	OEM.SPSGen10Plus_04.04.04.300.fwpkg	Server Platform Services (SPS) Firmware	04.04.04.300	04.04.04.300	更新

	4300/5300/6300/8300 series Processors					
2301	ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	OEM.DL20ML30Gen10SPS_05.01.04.804.fwpkg	Server Platform Services (SPS) E3 Firmware	05.01.04.804	05.01.04.804	更新
2302	ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	OEM.SC_ML30GEN10Plus_ME_06.00.03.309.fwpkg	Server Platform Services Firmware for ML30 Gen10 Plus	06.00.03.309	06.00.03.309	更新
2303	ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems	OEM.SC_DL20GEN10Plus_ME_06.00.03.309.fwpkg	Server Platform Services Firmware for DL20 Gen10 Plus	06.00.03.309	06.00.03.309	更新

### 6.2.19 Software - Lights-Out Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2304	HPE Lights-Out Online Configuration Utility for Linux (AMD64/EM64T)	hponcfg-6.0.0-0.x86_64.rpm	-	6.0.0-0	6.0.0-0	更新
2305	HPE Lights-Out Online Configuration Utility for Windows x64 Editions	cp049814.exe	-	6.0.0.0	6.0.0.0	更新

### 6.2.20 Software - Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2306	HPE Agentless Management Bundle Smart Component on ESXi for Gen10 and Gen10 Plus Servers	cp054509.zip	-	2023.02.01	701.11.9.0.9-10EM.701.0.0.16850804	更新
2307	HPE Fiber Channel and Storage Enablement Bundle Smart Component for ESXi 7.0	cp050934.zip	-	2022.09.01	2022.09.01	
2308	HPE iLO Driver Bundle Smart Component for ESXi 7.0	cp050763.zip	-	2022.09.01	700.10.8.0.6-10EM.700.1.0.15843807	
2309	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 7.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp055515.zip	HPE Smart Array P816i-a SR Gen10 Controller	2023.04.01	6.15.11.0-7.0.0.15525992.oem	更新
2310	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 7.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp055515.zip	HPE Smart Array P408i-a SR Gen10 Controller	2023.04.01	6.15.11.0-7.0.0.15525992.oem	更新
2311	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 7.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp055515.zip	HPE Smart Array P408i-p SR Gen10 Controller	2023.04.01	6.15.11.0-7.0.0.15525992.oem	更新
2312	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 7.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp055515.zip	HPE Smart Array E208e-p SR Gen10 Controller	2023.04.01	6.15.11.0-7.0.0.15525992.oem	更新
2313	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 7.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp055515.zip	HPE Smart Array E208i-a SR Gen10 Controller	2023.04.01	6.15.11.0-7.0.0.15525992.oem	更新
2314	Smart Storage Administrator	cp055515.zip	HPE Smart Array	2023.04.01	6.15.11.0-	更新



	(SSA) CLI Smart Component for ESXi 7.0 for Gen10/Gen10 Plus/Gen11 Controllers		E208i-p SR Gen10 Controller		7.0.0.1552599 2.oem	
2315	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 7.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp055515.zip	Microchip SR416i-a Cntrl for HPE Gen10+	2023.04.01	6.15.11.0-7.0.0.1552599 2.oem	更新
2316	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 7.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp055515.zip	Microchip SR932i-p Cntrl for HPE Gen10+	2023.04.01	6.15.11.0-7.0.0.1552599 2.oem	更新
2317	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 7.0 for Gen10/Gen10 Plus/Gen11 Controllers	cp055515.zip	-	2023.04.01	6.15.11.0-7.0.0.1552599 2.oem	更新

## 6.2.21 Software - Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2318	HPE MegaRAID Storage Administrator StorCLI for VMware7.0 (For Gen10P and Gen11 Controllers)	cp055452.zip	Broadcom MR416i-p Cntrl for HPE Gen10+	2023.04.01	007.2207.000 0.0000-01	更新
2319	HPE MegaRAID Storage Administrator StorCLI for VMware7.0 (For Gen10P and Gen11 Controllers)	cp055452.zip	Broadcom MR416i-a Cntrl for HPE Gen10+	2023.04.01	007.2207.000 0.0000-01	更新
2320	HPE MegaRAID Storage Administrator StorCLI for VMware7.0 (For Gen10P and Gen11 Controllers)	cp055452.zip	Broadcom MR216i-p Cntrl for HPE Gen10+	2023.04.01	007.2207.000 0.0000-01	更新
2321	HPE MegaRAID Storage Administrator StorCLI for VMware7.0 (For Gen10P and Gen11 Controllers)	cp055452.zip	Broadcom MR216i-a Cntrl for HPE Gen10+	2023.04.01	007.2207.000 0.0000-01	更新
2322	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp053353.exe	HPE Smart Array P408i-a SR Gen10 Controller	1.2.1.67 (B)	1.2.1.67 (B)	
2323	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp053353.exe	HPE Smart Array P408i-p SR Gen10 Controller	1.2.1.67 (B)	1.2.1.67 (B)	
2324	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp053353.exe	HPE Smart Array P816i-a SR Gen10 Controller	1.2.1.67 (B)	1.2.1.67 (B)	
2325	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp053353.exe	HPE Smart Array E208e-p SR Gen10 Controller	1.2.1.67 (B)	1.2.1.67 (B)	
2326	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp053353.exe	HPE Smart Array E208i-p SR Gen10 Controller	1.2.1.67 (B)	1.2.1.67 (B)	
2327	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp053353.exe	HPE Smart Array E208i-a SR Gen10 Controller	1.2.1.67 (B)	1.2.1.67 (B)	

## 6.2.22 Software - Storage Fibre Channel

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2328	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Red Hat Enterprise Linux (RHEL)	fibreutils-4.2-1_rhel.x86_64.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	4.2-1 (h)	4.2-1_rhel	
2329	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Red Hat Enterprise Linux (RHEL)	fibreutils-4.2-1_rhel.x86_64.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	4.2-1 (h)	4.2-1_rhel	
2330	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Red Hat Enterprise Linux (RHEL)	fibreutils-4.2-1_rhel.x86_64.rpm	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	4.2-1 (h)	4.2-1_rhel	
2331	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Red Hat Enterprise Linux (RHEL)	fibreutils-4.2-1_rhel.x86_64.rpm	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	4.2-1 (h)	4.2-1_rhel	
2332	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Red Hat Enterprise Linux (RHEL)	fibreutils-4.2-1_rhel.x86_64.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	4.2-1 (h)	4.2-1_rhel	
2333	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Red Hat Enterprise Linux (RHEL)	fibreutils-4.2-1_rhel.x86_64.rpm	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	4.2-1 (h)	4.2-1_rhel	
2334	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Red Hat Enterprise Linux (RHEL)	fibreutils-4.2-1_rhel.x86_64.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	4.2-1 (h)	4.2-1_rhel	
2335	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Red Hat Enterprise Linux (RHEL)	fibreutils-4.2-1_rhel.x86_64.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	4.2-1 (h)	4.2-1_rhel	
2336	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Red Hat Enterprise Linux (RHEL)	fibreutils-4.2-1_rhel.x86_64.rpm	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	4.2-1 (h)	4.2-1_rhel	
2337	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Red Hat Enterprise Linux (RHEL)	fibreutils-4.2-1_rhel.x86_64.rpm	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	4.2-1 (h)	4.2-1_rhel	
2338	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Red Hat Enterprise Linux (RHEL)	fibreutils-4.2-1_rhel.x86_64.rpm	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	4.2-1 (h)	4.2-1_rhel	
2339	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Red Hat Enterprise Linux (RHEL)	fibreutils-4.2-1_rhel.x86_64.rpm	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	4.2-1 (h)	4.2-1_rhel	
2340	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters for Red Hat Enterprise Linux 8 Server	HPE-CNA-FC-Emulex-Enablement-Kit-14.0.499.28-1.rhel8.x86_64.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	14.0.499.28	14.0.499.28-1.rhel8	更新
2341	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters for Red Hat Enterprise Linux 8 Server	HPE-CNA-FC-Emulex-Enablement-Kit-14.0.499.28-1.rhel8.x86_64.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	14.0.499.28	14.0.499.28-1.rhel8	更新
2342	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters for Red Hat Enterprise Linux 8 Server	HPE-CNA-FC-Emulex-Enablement-Kit-14.0.499.28-1.rhel8.x86_64.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	14.0.499.28	14.0.499.28-1.rhel8	更新
2343	HPE Emulex Fibre Channel Enablement Kit for Host Bus	HPE-CNA-FC-Emulex-Enablement-Kit-	HPE SN1600E 32Gb Single Port	14.0.499.28	14.0.499.28-1.rhel8	更新

	Adapters for Red Hat Enterprise Linux 8 Server	14.0.499.28-1.rhel8.x86_64.rpm	Fibre Channel Host Bus Adapter			
2344	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters for Red Hat Enterprise Linux 8 Server	HPE-CNA-FC-Emulex-Enablement-Kit-14.0.499.28-1.rhel8.x86_64.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	14.0.499.28	14.0.499.28-1.rhel8	更新
2345	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters for Red Hat Enterprise Linux 8 Server	HPE-CNA-FC-Emulex-Enablement-Kit-14.0.499.28-1.rhel8.x86_64.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	14.0.499.28	14.0.499.28-1.rhel8	更新
2346	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2016/2019 (x86_64)	cp054534.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (p)	1.0.0.1 (p)	更新
2347	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2016/2019 (x86_64)	cp054534.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (p)	1.0.0.1 (p)	更新
2348	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2016/2019 (x86_64)	cp054534.exe	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (p)	1.0.0.1 (p)	更新
2349	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2016/2019 (x86_64)	cp054534.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (p)	1.0.0.1 (p)	更新
2350	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2016/2019 (x86_64)	cp054534.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	1.0.0.1 (p)	1.0.0.1 (p)	更新
2351	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2016/2019 (x86_64)	cp054534.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	1.0.0.1 (p)	1.0.0.1 (p)	更新
2352	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2022 (x86_64)	cp054533.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (f)	1.0.0.1 (f)	更新
2353	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2022 (x86_64)	cp054533.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (f)	1.0.0.1 (f)	更新
2354	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2022 (x86_64)	cp054533.exe	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (f)	1.0.0.1 (f)	更新
2355	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2022 (x86_64)	cp054533.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (f)	1.0.0.1 (f)	更新
2356	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2022 (x86_64)	cp054533.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	1.0.0.1 (f)	1.0.0.1 (f)	更新
2357	HPE Emulex Fibre Channel	cp054533.exe	HPE SN1610E	1.0.0.1 (f)	1.0.0.1 (f)	更新

	Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2022 (x86_64)		32Gb 2-port Fibre Channel Host Bus Adapter			
2358	HPE Emulex Smart SAN Enablement Kit for Linux	hpe-emulex-smartsan-enablement-kit-1.0.0.0-4.x86_64.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.0-4 (o)	1.0.0.0-4	
2359	HPE Emulex Smart SAN Enablement Kit for Linux	hpe-emulex-smartsan-enablement-kit-1.0.0.0-4.x86_64.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.0-4 (o)	1.0.0.0-4	
2360	HPE Emulex Smart SAN Enablement Kit for Linux	hpe-emulex-smartsan-enablement-kit-1.0.0.0-4.x86_64.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.0-4 (o)	1.0.0.0-4	
2361	HPE Emulex Smart SAN Enablement Kit for Linux	hpe-emulex-smartsan-enablement-kit-1.0.0.0-4.x86_64.rpm	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.0-4 (o)	1.0.0.0-4	
2362	HPE Emulex Smart SAN Enablement Kit for Linux	hpe-emulex-smartsan-enablement-kit-1.0.0.0-4.x86_64.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	1.0.0.0-4 (o)	1.0.0.0-4	
2363	HPE Emulex Smart SAN Enablement Kit for Linux	hpe-emulex-smartsan-enablement-kit-1.0.0.0-4.x86_64.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	1.0.0.0-4 (o)	1.0.0.0-4	
2364	HPE QLogic Fibre Channel driver component for VMware vSphere 7.0	cp054425.zip	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2023.03.01	5.3.1.0-10EM.703.0.0.18644231	更新
2365	HPE QLogic Fibre Channel driver component for VMware vSphere 7.0	cp054425.zip	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2023.03.01	5.3.1.0-10EM.703.0.0.18644231	更新
2366	HPE QLogic Fibre Channel driver component for VMware vSphere 7.0	cp054425.zip	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2023.03.01	5.3.1.0-10EM.703.0.0.18644231	更新
2367	HPE QLogic Fibre Channel driver component for VMware vSphere 7.0	cp054425.zip	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2023.03.01	5.3.1.0-10EM.703.0.0.18644231	更新
2368	HPE QLogic Fibre Channel driver component for VMware vSphere 7.0	cp054425.zip	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2023.03.01	5.3.1.0-10EM.703.0.0.18644231	更新
2369	HPE QLogic Fibre Channel driver component for VMware vSphere 7.0	cp054425.zip	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2023.03.01	5.3.1.0-10EM.703.0.0.18644231	更新
2370	HPE QLogic Fibre Channel Enablement Kit for Host Bus Adapter for Linux	HPE-CNA-FC-hpeqlgc-Enablement-Kit-6.0.0.0-18.noarch.rpm	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	6.0.0.0-18 (f)	6.0.0.0-18	
2371	HPE QLogic Fibre Channel Enablement Kit for Host Bus Adapter for Linux	HPE-CNA-FC-hpeqlgc-Enablement-Kit-6.0.0.0-18.noarch.rpm	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	6.0.0.0-18 (f)	6.0.0.0-18	
2372	HPE QLogic Fibre Channel Enablement Kit for Host Bus Adapter for Linux	HPE-CNA-FC-hpeqlgc-Enablement-Kit-6.0.0.0-18.noarch.rpm	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	6.0.0.0-18 (f)	6.0.0.0-18	
2373	HPE QLogic Fibre Channel Enablement Kit for Host Bus	HPE-CNA-FC-hpeqlgc-Enablement-Kit-6.0.0.0-	HPE SN1600Q 32Gb Single Port	6.0.0.0-18 (f)	6.0.0.0-18	

	Adapter for Linux	18.noarch.rpm	Fibre Channel Host Bus Adapter			
2374	HPE QLogic Fibre Channel Enablement Kit for Host Bus Adapter for Linux	HPE-CNA-FC-hpeqlgc-Enablement-Kit-6.0.0.0-18.noarch.rpm	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	6.0.0.0-18 (f)	6.0.0.0-18	
2375	HPE QLogic Fibre Channel Enablement Kit for Host Bus Adapter for Linux	HPE-CNA-FC-hpeqlgc-Enablement-Kit-6.0.0.0-18.noarch.rpm	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	6.0.0.0-18 (f)	6.0.0.0-18	
2376	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2016/2019 (x86_64)	cp054435.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (n)	1.0.0.1 (n)	更新
2377	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2016/2019 (x86_64)	cp054435.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (n)	1.0.0.1 (n)	更新
2378	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2016/2019 (x86_64)	cp054435.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (n)	1.0.0.1 (n)	更新
2379	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2016/2019 (x86_64)	cp054435.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (n)	1.0.0.1 (n)	更新
2380	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2016/2019 (x86_64)	cp054435.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	1.0.0.1 (n)	1.0.0.1 (n)	更新
2381	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2016/2019 (x86_64)	cp054435.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	1.0.0.1 (n)	1.0.0.1 (n)	更新
2382	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2022 (x86_64)	cp054434.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (e)	1.0.0.1 (e)	更新
2383	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2022 (x86_64)	cp054434.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (e)	1.0.0.1 (e)	更新
2384	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2022 (x86_64)	cp054434.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (e)	1.0.0.1 (e)	更新
2385	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2022 (x86_64)	cp054434.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (e)	1.0.0.1 (e)	更新
2386	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2022 (x86_64)	cp054434.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	1.0.0.1 (e)	1.0.0.1 (e)	更新
2387	HPE QLogic Smart SAN	cp054434.exe	HPE SN1610Q	1.0.0.1 (e)	1.0.0.1 (e)	更新

	Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2022 (x86_64)		32Gb 2-port Fibre Channel Host Bus Adapter			
2388	HPE QLogic Smart SAN enablement kit for Linux	hpe-qlogic-smartsan-enablement-kit-3.3-3.x86_64.rpm	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	3.3-3 (o)	3.3-3	
2389	HPE QLogic Smart SAN enablement kit for Linux	hpe-qlogic-smartsan-enablement-kit-3.3-3.x86_64.rpm	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	3.3-3 (o)	3.3-3	
2390	HPE QLogic Smart SAN enablement kit for Linux	hpe-qlogic-smartsan-enablement-kit-3.3-3.x86_64.rpm	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	3.3-3 (o)	3.3-3	
2391	HPE QLogic Smart SAN enablement kit for Linux	hpe-qlogic-smartsan-enablement-kit-3.3-3.x86_64.rpm	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	3.3-3 (o)	3.3-3	
2392	HPE QLogic Smart SAN enablement kit for Linux	hpe-qlogic-smartsan-enablement-kit-3.3-3.x86_64.rpm	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	3.3-3 (o)	3.3-3	
2393	HPE QLogic Smart SAN enablement kit for Linux	hpe-qlogic-smartsan-enablement-kit-3.3-3.x86_64.rpm	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	3.3-3 (o)	3.3-3	
2394	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 7.0	cp054535.zip	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2023.03.01	14.0.543.0-10EM.700.1.0.15843807	更新
2395	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 7.0	cp054535.zip	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2023.03.01	14.0.543.0-10EM.700.1.0.15843807	更新
2396	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 7.0	cp054535.zip	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2023.03.01	14.0.543.0-10EM.700.1.0.15843807	更新
2397	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 7.0	cp054535.zip	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2023.03.01	14.0.543.0-10EM.700.1.0.15843807	更新
2398	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 7.0	cp054535.zip	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2023.03.01	14.0.543.0-10EM.700.1.0.15843807	更新
2399	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 7.0	cp054535.zip	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2023.03.01	14.0.543.0-10EM.700.1.0.15843807	更新

### 6.2.23 Software - System Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2400	Agentless Management Service (iLO5, iLO 6) for Red Hat Enterprise Linux 8 Server	amsd-3.3.0-1773.23.rhel8.x86_64.rpm	-	3.3.0	3.3.0-1773.23.rhel8	更新
2401	Agentless Management Service for Microsoft Windows x64	cp055116.exe	-	2.51.3.0	2.51.3.0	更新
2402	HPE MegaRAID Storage Administrator for Linux 64-bit (HPE MRSA for Gen10P and	MRStorageAdministrator-008.002.019.000-x86_64.rpm	-	8.2.19.0 (C)	008.002.019.000-00	更新

	Gen11 Controllers)					
2403	HPE MegaRAID Storage Administrator for Linux 64-bit (HPE MRSA for Gen10P and Gen11 Controllers)	MRStorageAdministrator-008.002.019.000-x86_64.rpm	Broadcom MR416i-p Cntrl for HPE Gen10+	8.2.19.0 (C)	008.002.019.000-00	更新
2404	HPE MegaRAID Storage Administrator for Linux 64-bit (HPE MRSA for Gen10P and Gen11 Controllers)	MRStorageAdministrator-008.002.019.000-x86_64.rpm	Broadcom MR416i-a Cntrl for HPE Gen10+	8.2.19.0 (C)	008.002.019.000-00	更新
2405	HPE MegaRAID Storage Administrator for Linux 64-bit (HPE MRSA for Gen10P and Gen11 Controllers)	MRStorageAdministrator-008.002.019.000-x86_64.rpm	Broadcom MR216i-p Cntrl for HPE Gen10+	8.2.19.0 (C)	008.002.019.000-00	更新
2406	HPE MegaRAID Storage Administrator for Linux 64-bit (HPE MRSA for Gen10P and Gen11 Controllers)	MRStorageAdministrator-008.002.019.000-x86_64.rpm	Broadcom MR216i-a Cntrl for HPE Gen10+	8.2.19.0 (C)	008.002.019.000-00	更新
2407	HPE MegaRAID Storage Administrator for Windows 64-bit (HPE MRSA for Gen10P and Gen11 Controllers)	cp055453.exe	-	8.2.19.0 (C)	8.2.19.0 (C)	更新
2408	HPE MegaRAID Storage Administrator for Windows 64-bit (HPE MRSA for Gen10P and Gen11 Controllers)	cp055453.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	8.2.19.0 (C)	8.2.19.0 (C)	更新
2409	HPE MegaRAID Storage Administrator for Windows 64-bit (HPE MRSA for Gen10P and Gen11 Controllers)	cp055453.exe	Broadcom MR416i-a Cntrl for HPE Gen10+	8.2.19.0 (C)	8.2.19.0 (C)	更新
2410	HPE MegaRAID Storage Administrator for Windows 64-bit (HPE MRSA for Gen10P and Gen11 Controllers)	cp055453.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	8.2.19.0 (C)	8.2.19.0 (C)	更新
2411	HPE MegaRAID Storage Administrator for Windows 64-bit (HPE MRSA for Gen10P and Gen11 Controllers)	cp055453.exe	Broadcom MR216i-a Cntrl for HPE Gen10+	8.2.19.0 (C)	8.2.19.0 (C)	更新
2412	HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit (for Gen10P and Gen11 Controllers)	storcli-007.2207.0000.0000-1.noarch.rpm	-	007.2207.0000.0000 (C)	007.2207.0000.0000-1	更新
2413	HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit (for Gen10P and Gen11 Controllers)	storcli-007.2207.0000.0000-1.noarch.rpm	Broadcom MR416i-p Cntrl for HPE Gen10+	007.2207.0000.0000 (C)	007.2207.0000.0000-1	更新
2414	HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit (for Gen10P and Gen11 Controllers)	storcli-007.2207.0000.0000-1.noarch.rpm	Broadcom MR416i-a Cntrl for HPE Gen10+	007.2207.0000.0000 (C)	007.2207.0000.0000-1	更新
2415	HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit (for Gen10P and Gen11 Controllers)	storcli-007.2207.0000.0000-1.noarch.rpm	Broadcom MR216i-p Cntrl for HPE Gen10+	007.2207.0000.0000 (C)	007.2207.0000.0000-1	更新
2416	HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit (for Gen10P and Gen11 Controllers)	storcli-007.2207.0000.0000-1.noarch.rpm	Broadcom MR216i-a Cntrl for HPE Gen10+	007.2207.0000.0000 (C)	007.2207.0000.0000-1	更新
2417	HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit (for Gen10P and Gen11 Controllers)	cp055450.exe	-	7.22.7.0 (C)	7.22.7.0 (C)	更新
2418	HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit (for Gen10P and Gen11 Controllers)	cp055450.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	7.22.7.0 (C)	7.22.7.0 (C)	更新
2419	HPE MegaRAID Storage	cp055450.exe	Broadcom	7.22.7.0 (C)	7.22.7.0 (C)	更新

	Administrator StorCLI for Windows 64-bit (for Gen10P and Gen11 Controllers)		MR416i-a Cntrl for HPE Gen10+			
2420	HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit (for Gen10P and Gen11 Controllers)	cp055450.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	7.22.7.0 (C)	7.22.7.0 (C)	更新
2421	HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit (for Gen10P and Gen11 Controllers)	cp055450.exe	Broadcom MR216i-a Cntrl for HPE Gen10+	7.22.7.0 (C)	7.22.7.0 (C)	更新
2422	NVMe Drive Eject NMI Fix for Intel Xeon Processor Scalable Family for Microsoft Windows 64-bit	cp053103.exe	-	1.1.0.0 (E)	1.1.0.0 (E)	
2423	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssacli-6.15-11.0.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	6.15.11.0 (C)	6.15-11.0	更新
2424	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssacli-6.15-11.0.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	6.15.11.0 (C)	6.15-11.0	更新
2425	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssacli-6.15-11.0.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	6.15.11.0 (C)	6.15-11.0	更新
2426	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssacli-6.15-11.0.x86_64.rpm	-	6.15.11.0 (C)	6.15-11.0	更新
2427	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssacli-6.15-11.0.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	6.15.11.0 (C)	6.15-11.0	更新
2428	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssacli-6.15-11.0.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	6.15.11.0 (C)	6.15-11.0	更新
2429	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssacli-6.15-11.0.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	6.15.11.0 (C)	6.15-11.0	更新
2430	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssacli-6.15-11.0.x86_64.rpm	Microchip SR416i-a Cntrl for HPE Gen10+	6.15.11.0 (C)	6.15-11.0	更新
2431	Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssacli-6.15-11.0.x86_64.rpm	Microchip SR932i-p Cntrl for HPE Gen10+	6.15.11.0 (C)	6.15-11.0	更新
2432	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus Controllers	cp055518.exe	HPE Smart Array P408i-a SR Gen10 Controller	6.15.11.0 (C)	6.15.11.0 (C)	更新
2433	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus Controllers	cp055518.exe	HPE Smart Array P408i-p SR Gen10 Controller	6.15.11.0 (C)	6.15.11.0 (C)	更新
2434	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus Controllers	cp055518.exe	HPE Smart Array P816i-a SR Gen10 Controller	6.15.11.0 (C)	6.15.11.0 (C)	更新
2435	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus	cp055518.exe	-	6.15.11.0 (C)	6.15.11.0 (C)	更新



	Controllers					
2436	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus Controllers	cp055518.exe	HPE Smart Array E208e-p SR Gen10 Controller	6.15.11.0 (C)	6.15.11.0 (C)	更新
2437	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus Controllers	cp055518.exe	HPE Smart Array E208i-a SR Gen10 Controller	6.15.11.0 (C)	6.15.11.0 (C)	更新
2438	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus Controllers	cp055518.exe	HPE Smart Array E208i-p SR Gen10 Controller	6.15.11.0 (C)	6.15.11.0 (C)	更新
2439	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus Controllers	cp055518.exe	Microchip SR416i-a Cntrl for HPE Gen10+	6.15.11.0 (C)	6.15.11.0 (C)	更新
2440	Smart Storage Administrator (SSA) CLI for Windows 64-bit for Gen10/Gen10 Plus Controllers	cp055518.exe	Microchip SR932i-p Cntrl for HPE Gen10+	6.15.11.0 (C)	6.15.11.0 (C)	更新
2441	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.15-11.0.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	6.15.11.0 (C)	6.15-11.0	更新
2442	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.15-11.0.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	6.15.11.0 (C)	6.15-11.0	更新
2443	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.15-11.0.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	6.15.11.0 (C)	6.15-11.0	更新
2444	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.15-11.0.x86_64.rpm	-	6.15.11.0 (C)	6.15-11.0	更新
2445	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.15-11.0.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	6.15.11.0 (C)	6.15-11.0	更新
2446	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.15-11.0.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	6.15.11.0 (C)	6.15-11.0	更新
2447	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.15-11.0.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	6.15.11.0 (C)	6.15-11.0	更新
2448	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.15-11.0.x86_64.rpm	Microchip SR416i-a Cntrl for HPE Gen10+	6.15.11.0 (C)	6.15-11.0	更新
2449	Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssa-6.15-11.0.x86_64.rpm	Microchip SR932i-p Cntrl for HPE Gen10+	6.15.11.0 (C)	6.15-11.0	更新
2450	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp055522.exe	HPE Smart Array P408i-a SR Gen10 Controller	6.15.11.0 (C)	6.15.11.0 (C)	更新
2451	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp055522.exe	HPE Smart Array P408i-p SR Gen10 Controller	6.15.11.0 (C)	6.15.11.0 (C)	更新
2452	Smart Storage Administrator	cp055522.exe	HPE Smart Array	6.15.11.0	6.15.11.0 (C)	更新

	(SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers		P816i-a SR Gen10 Controller	(C)		
2453	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp055522.exe	-	6.15.11.0 (C)	6.15.11.0 (C)	更新
2454	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp055522.exe	HPE Smart Array E208e-p SR Gen10 Controller	6.15.11.0 (C)	6.15.11.0 (C)	更新
2455	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp055522.exe	HPE Smart Array E208i-a SR Gen10 Controller	6.15.11.0 (C)	6.15.11.0 (C)	更新
2456	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp055522.exe	HPE Smart Array E208i-p SR Gen10 Controller	6.15.11.0 (C)	6.15.11.0 (C)	更新
2457	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp055522.exe	Microchip SR932i-p Cntrl for HPE Gen10+	6.15.11.0 (C)	6.15.11.0 (C)	更新
2458	Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp055522.exe	Microchip SR416i-a Cntrl for HPE Gen10+	6.15.11.0 (C)	6.15.11.0 (C)	更新
2459	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaduccli-6.15-11.0.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	6.15.11.0 (C)	6.15-11.0	更新
2460	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaduccli-6.15-11.0.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	6.15.11.0 (C)	6.15-11.0	更新
2461	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaduccli-6.15-11.0.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	6.15.11.0 (C)	6.15-11.0	更新
2462	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaduccli-6.15-11.0.x86_64.rpm	-	6.15.11.0 (C)	6.15-11.0	更新
2463	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaduccli-6.15-11.0.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	6.15.11.0 (C)	6.15-11.0	更新
2464	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaduccli-6.15-11.0.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	6.15.11.0 (C)	6.15-11.0	更新
2465	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaduccli-6.15-11.0.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	6.15.11.0 (C)	6.15-11.0	更新
2466	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaduccli-6.15-11.0.x86_64.rpm	Microchip SR416i-a Cntrl for HPE Gen10+	6.15.11.0 (C)	6.15-11.0	更新

	Controllers					
2467	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	ssaducli-6.15-11.0.x86_64.rpm	Microchip SR932i-p Cntrl for HPE Gen10+	6.15.11.0 (C)	6.15.11.0	更新
2468	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp055523.exe	HPE Smart Array P408i-a SR Gen10 Controller	6.15.11.0 (C)	6.15.11.0 (C)	更新
2469	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp055523.exe	HPE Smart Array P408i-p SR Gen10 Controller	6.15.11.0 (C)	6.15.11.0 (C)	更新
2470	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp055523.exe	HPE Smart Array P816i-a SR Gen10 Controller	6.15.11.0 (C)	6.15.11.0 (C)	更新
2471	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp055523.exe	-	6.15.11.0 (C)	6.15.11.0 (C)	更新
2472	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp055523.exe	HPE Smart Array E208e-p SR Gen10 Controller	6.15.11.0 (C)	6.15.11.0 (C)	更新
2473	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp055523.exe	HPE Smart Array E208i-a SR Gen10 Controller	6.15.11.0 (C)	6.15.11.0 (C)	更新
2474	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp055523.exe	HPE Smart Array E208i-p SR Gen10 Controller	6.15.11.0 (C)	6.15.11.0 (C)	更新
2475	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp055523.exe	Microchip SR416i-a Cntrl for HPE Gen10+	6.15.11.0 (C)	6.15.11.0 (C)	更新
2476	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers	cp055523.exe	Microchip SR932i-p Cntrl for HPE Gen10+	6.15.11.0 (C)	6.15.11.0 (C)	更新

## 6.3 パッケージの変更内容

---

### Online ROM Flash Component for Linux - System ROM U34

#### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

#### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-32231 and CVE-2022-26343. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for and security vulnerabilities documented as CVE-2022-37434. This issue is not unique to Hitachi servers.
- Addressed an issue that system will hang when BIOS tries to print a large IML message on POST screen.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- Addressed an issue where some Chinese and Japanese translations were missing in RBSU.
- Addressed an issue where a server running the ESXi hypervisor with TPM module installed would halt on loading modules after the installation of the hypervisor OS, with the message "TPM log extend failed".

#### **Enhancements:**

- Added new System Configuration (RBSU) configuration options that allow enabling and disabling EPP (Energy Performance Preference) when "Workload Profile" sets to "Custom" and "Power Regulator" sets to "OS Control Mode".
- Updated Intel Optane Memory UEFI driver.
- Added support to show manufacturing date for DIMMs in SMBIOS.
- Improved the description of Memory Failed Events in the Integrated Management Log (IML).

---

### Online ROM Flash Component for Linux - System ROM U30

#### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

#### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-32231 and CVE-2022-26343. This security vulnerability is documented in the CVE report site. This issue is not

unique to Hitachi servers.

- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for and security vulnerabilities documented as CVE-2022-37434. This issue is not unique to Hitachi servers.
- Addressed an issue that system will hang when BIOS tries to print a large IML message on POST screen.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- Addressed an issue where some Chinese and Japanese translations were missing in RBSU.
- Addressed an issue where a server running the ESXi hypervisor a with TPM module installed would halt on loading modules after the installation of the hypervisor OS, with the message "TPM log extend failed".

### **Enhancements:**

- Added new System Configuration (RBSU) configuration options that allow enabling and disabling EPP (Energy Performance Preference) when "Workload Profile" sets to "Custom" and "Power Regulator" sets to "OS Control Mode".
- Updated Intel Optane Memory UEFI driver.
- Added support to show manufacturing date for DIMMs in SMBIOS.
- Improved the description of Memory Failed Events in the Integrated Management Log (IML).

---

## **Online ROM Flash Component for Linux - System ROM U32**

### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-32231 and CVE-2022-26343. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for and security vulnerabilities documented as CVE-2022-37434. This issue is not unique to Hitachi servers.
- Addressed an issue that system will hang when BIOS tries to print a large IML message on POST screen.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- Addressed an issue where some Chinese and Japanese translations were missing in RBSU.
- Addressed an issue where a server running the ESXi hypervisor a with TPM module installed would halt

on loading modules after the installation of the hypervisor OS, with the message "TPM log extend failed".

### **Enhancements:**

- Added new System Configuration (RBSU) configuration options that allow enabling and disabling EPP (Energy Performance Preference) when "Workload Profile" sets to "Custom" and "Power Regulator" sets to "OS Control Mode".
- Updated Intel Optane Memory UEFI driver.
- Added support to show manufacturing date for DIMMs in SMBIOS.
- Improved the description of Memory Failed Events in the Integrated Management Log (IML).

---

## **Online ROM Flash Component for Linux - System ROM U41**

### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-32231 and CVE-2022-26343. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for and security vulnerabilities documented as CVE-2022-37434. This issue is not unique to Hitachi servers.
- Addressed an issue that system will hang when BIOS tries to print a large IML message on POST screen.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- Addressed an issue where some Chinese and Japanese translations were missing in RBSU.
- Addressed an issue where a server running the ESXi hypervisor a with TPM module installed would halt on loading modules after the installation of the hypervisor OS, with the message "TPM log extend failed".

### **Enhancements:**

- Added new System Configuration (RBSU) configuration options that allow enabling and disabling EPP (Energy Performance Preference) when "Workload Profile" sets to "Custom" and "Power Regulator" sets to "OS Control Mode".
- Updated Intel Optane Memory UEFI driver.
- Added support to show manufacturing date for DIMMs in SMBIOS.
- Improved the description of Memory Failed Events in the Integrated Management Log (IML).

---

## Online ROM Flash Component for Linux - System ROM U43

### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-33894 and CVE-2022-26837. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for security vulnerabilities documented as CVE-2022-37434.
- Addressed an issue that system will hang when BIOS tries to print a large IML message on POST screen.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- Addressed an issue where some Chinese and Japaneses translations were missing from RBSU.
- Addressed an issue where firmware BootTimer would cause a black screen hang when switching TPM 1.2 to 2.0.
- Addressed an issue TPM Visibility option in ROM Based Setup Utility (RBSU) would be greyed out after upgrading the system ROM from 2.54 to 2.58.

### **Enhancements/New Features:**

- Added support to show manufacturing date for DIMMs in SMBIOS.

---

## Online ROM Flash Component for Linux - System ROM U44

### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-33894 and CVE-2022-26837. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for security vulnerabilities documented as CVE-2022-37434.
- Addressed an issue that system will hang when BIOS tries to print a large IML message on POST screen.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.

- Addressed an issue where some Chinese and Japanese translations were missing from RBSU.
- Addressed an issue where firmware BootTimer would cause a black screen hang when switching TPM 1.2 to 2.0.
- Addressed an issue TPM Visibility option in ROM Based Setup Utility (RBSU) would be greyed out after upgrading the system ROM from 2.54 to 2.58.

#### **Enhancements/New Features:**

- Added support to show manufacturing date for DIMMs in SMBIOS.

---

### **Online ROM Flash Component for Linux - System ROM U46**

#### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

#### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-21216, CVE-2022-32231, CVE-2022-26343, CVE-2022-33196, CVE-2022-38090 and CVE-2022-33972. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for and security vulnerabilities documented as CVE-2022-37434.
- This revision of the System ROM includes the revision of the OpenSSL library 1.1.1s update which provides mitigation for security vulnerabilities documented as CVE-2022-2097.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- Addressed an issue where an HPE MR controller's name is displayed abnormally after setting the language to Japanese in ROM Based Setup Utility (RBSU) rebooting the system.
- Addressed an issue where the Boot timer record was increasing incorrectly after every warm reboot.
- Addressed a possible hang issue when using a newer PCIe device with a very high PCI bus requirement.
- Addressed an issue where "Reboot Required" radio button isn't highlighted after BIOS restore.

#### **Enhancements**

- Added new System Configuration (RBSU) configuration options that allow enabling and disabling EPP (Energy Performance Preference) when "Workload Profile" sets to "Custom" and "Power Regulator" sets to "OS Control Mode".
- Downgraded several debug messages from DEBUG\_ERROR to DEBUG\_INFO level. Removed unnecessary error messages in BIOS serial log.
- Added support to show manufacturing date for DIMMs in SMBIOS..



---

## Online ROM Flash Component for Linux - System ROM U60

### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-26837, CVE-2022-38090 and CVE-2022-30704. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for security vulnerabilities documented as CVE-2022-37434.
- This revision of the System ROM includes the revision of the OpenSSL library 1.1.1s update which provides mitigation for security vulnerabilities documented as CVE-2022-2097.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- This revision of the System ROM includes the latest revision of the Intel IPU 2022.3 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-21198 and CVE-2022-26837. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- Addressed an issue where "Reboot Required" radio button isn't highlighted after BIOS restore.
- Addressed an issue where an HPE MR controller's name is displayed abnormally after setting the language to Japanese in ROM Based Setup Utility (RBSU) rebooting the system.

---

## Online ROM Flash Component for Linux - System ROM U61

### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-26837, CVE-2022-38090 and CVE-2022-30704. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for security vulnerabilities documented as CVE-2022-37434.
- This revision of the System ROM includes the revision of the OpenSSL library 1.1.1s update which provides mitigation for security vulnerabilities documented as CVE-2022-2097.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for

each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.

- This revision of the System ROM includes the latest revision of the Intel IPU 2022.3 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-21198 and CVE-2022-26837. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- Addressed an issue where “Reboot Required” radio button isn't highlighted after BIOS restore.
- Addressed an issue where an HPE MR controller's name is displayed abnormally after setting the language to Japanese in ROM Based Setup Utility (RBSU) rebooting the system.

---

## **Online ROM Flash Component for Windows x64 - System ROM U34**

### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-32231 and CVE-2022-26343. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for and security vulnerabilities documented as CVE-2022-37434. This issue is not unique to Hitachi servers.
- Addressed an issue that system will hang when BIOS tries to print a large IML message on POST screen.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- Addressed an issue where some Chinese and Japanese translations were missing in RBSU.
- Addressed an issue where a server running the ESXi hypervisor a with TPM module installed would halt on loading modules after the installation of the hypervisor OS, with the message "TPM log extend failed".

### **Enhancements:**

- Added new System Configuration (RBSU) configuration options that allow enabling and disabling EPP (Energy Performance Preference) when “Workload Profile” sets to “Custom” and “Power Regulator” sets to “OS Control Mode”.
- Updated Intel Optane Memory UEFI driver.
- Added support to show manufacturing date for DIMMs in SMBIOS.
- Improved the description of Memory Failed Events in the Integrated Management Log (IML).

---

## Online ROM Flash Component for Windows x64 - System ROM U30

### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-32231 and CVE-2022-26343. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for and security vulnerabilities documented as CVE-2022-37434. This issue is not unique to Hitachi servers.
- Addressed an issue that system will hang when BIOS tries to print a large IML message on POST screen.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- Addressed an issue where some Chinese and Japanese translations were missing in RBSU.
- Addressed an issue where a server running the ESXi hypervisor a with TPM module installed would halt on loading modules after the installation of the hypervisor OS, with the message "TPM log extend failed".

### **Enhancements:**

- Added new System Configuration (RBSU) configuration options that allow enabling and disabling EPP (Energy Performance Preference) when "Workload Profile" sets to "Custom" and "Power Regulator" sets to "OS Control Mode".
- Updated Intel Optane Memory UEFI driver.
- Added support to show manufacturing date for DIMMs in SMBIOS.
- Improved the description of Memory Failed Events in the Integrated Management Log (IML).

---

## Online ROM Flash Component for Windows x64 - System ROM U32

### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-32231 and CVE-2022-26343. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.

- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for and security vulnerabilities documented as CVE-2022-37434. This issue is not unique to Hitachi servers.
- Addressed an issue that system will hang when BIOS tries to print a large IML message on POST screen.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- Addressed an issue where some Chinese and Japanese translations were missing in RBSU.
- Addressed an issue where a server running the ESXi hypervisor a with TPM module installed would halt on loading modules after the installation of the hypervisor OS, with the message "TPM log extend failed".

#### **Enhancements:**

- Added new System Configuration (RBSU) configuration options that allow enabling and disabling EPP (Energy Performance Preference) when "Workload Profile" sets to "Custom" and "Power Regulator" sets to "OS Control Mode".
- Updated Intel Optane Memory UEFI driver.
- Added support to show manufacturing date for DIMMs in SMBIOS.
- Improved the description of Memory Failed Events in the Integrated Management Log (IML).

---

### **Online ROM Flash Component for Windows x64 - System ROM U41**

#### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

#### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-32231 and CVE-2022-26343. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for and security vulnerabilities documented as CVE-2022-37434. This issue is not unique to Hitachi servers.
- Addressed an issue that system will hang when BIOS tries to print a large IML message on POST screen.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- Addressed an issue where some Chinese and Japanese translations were missing in RBSU.
- Addressed an issue where a server running the ESXi hypervisor a with TPM module installed would halt on loading modules after the installation of the hypervisor OS, with the message "TPM log extend

failed".

### **Enhancements:**

- Added new System Configuration (RBSU) configuration options that allow enabling and disabling EPP (Energy Performance Preference) when "Workload Profile" sets to "Custom" and "Power Regulator" sets to "OS Control Mode".
- Updated Intel Optane Memory UEFI driver.
- Added support to show manufacturing date for DIMMs in SMBIOS.
- Improved the description of Memory Failed Events in the Integrated Management Log (IML).

---

## **Online ROM Flash Component for Windows x64 - System ROM U43**

### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-33894 and CVE-2022-26837. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for security vulnerabilities documented as CVE-2022-37434.
- Addressed an issue that system will hang when BIOS tries to print a large IML message on POST screen.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- Addressed an issue where some Chinese and Japaneses translations were missing from RBSU.
- Addressed an issue where firmware BootTimer would cause a black screen hang when switching TPM 1.2 to 2.0.
- Addressed an issue TPM Visibility option in ROM Based Setup Utility (RBSU) would be greyed out after upgrading the system ROM from 2.54 to 2.58.

### **Enhancements/New Features:**

- Added support to show manufacturing date for DIMMs in SMBIOS.

---

## **Online ROM Flash Component for Windows x64 - System ROM U44**

### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-33894 and CVE-2022-26837. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for security vulnerabilities documented as CVE-2022-37434.
- Addressed an issue that system will hang when BIOS tries to print a large IML message on POST screen.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- Addressed an issue where some Chinese and Japaneses translations were missing from RBSU.
- Addressed an issue where firmware BootTimer would cause a black screen hang when switching TPM 1.2 to 2.0.
- Addressed an issue TPM Visibility option in ROM Based Setup Utility (RBSU) would be greyed out after upgrading the system ROM from 2.54 to 2.58.

### **Enhancements/New Features:**

- Added support to show manufacturing date for DIMMs in SMBIOS.

---

## **Online ROM Flash Component for Windows x64 - System ROM U46**

### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

### **Problems Fixed:**

- . This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-21216, CVE-2022-32231, CVE-2022-26343, CVE-2022-33196, CVE-2022-38090 and CVE-2022-33972. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for and security vulnerabilities documented as CVE-2022-37434.
- This revision of the System ROM includes the revision of the OpenSSL library 1.1.1s update which provides mitigation for security vulnerabilities documented as CVE-2022-2097.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- Addressed an issue where an HPE MR controller's name is displayed abnormally after setting the language to Japanese in ROM Based Setup Utility (RBSU) rebooting the system.
- Addressed an issue where the Boot timer record was increasing incorrectly after every warm reboot.

- Addressed a possible hang issue when using a newer PCIe device with a very high PCI bus requirement.
- Addressed an issue where “Reboot Required” radio button isn't highlighted after BIOS restore.

### **Enhancements**

- Added new System Configuration (RBSU) configuration options that allow enabling and disabling EPP (Energy Performance Preference) when "Workload Profile" sets to “Custom” and “Power Regulator” sets to “OS Control Mode”.
- Downgraded several debug messages from DEBUG\_ERROR to DEBUG\_INFO level. Removed unnecessary error messages in BIOS serial log.
- Added support to show manufacturing date for DIMMs in SMBIOS..

---

## **Online ROM Flash Component for Windows x64 - System ROM U60**

### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-26837, CVE-2022-38090 and CVE-2022-30704. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for security vulnerabilities documented as CVE-2022-37434.
- This revision of the System ROM includes the revision of the OpenSSL library 1.1.1s update which provides mitigation for security vulnerabilities documented as CVE-2022-2097.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- This revision of the System ROM includes the latest revision of the Intel IPU 2022.3 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-21198 and CVE-2022-26837. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- Addressed an issue where “Reboot Required” radio button isn't highlighted after BIOS restore.
- Addressed an issue where an HPE MR controller's name is displayed abnormally after setting the language to Japanese in ROM Based Setup Utility (RBSU) rebooting the system.

---

## Online ROM Flash Component for Windows x64 - System ROM U61

### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-26837, CVE-2022-38090 and CVE-2022-30704. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for security vulnerabilities documented as CVE-2022-37434.
- This revision of the System ROM includes the revision of the OpenSSL library 1.1.1s update which provides mitigation for security vulnerabilities documented as CVE-2022-2097.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- This revision of the System ROM includes the latest revision of the Intel IPU 2022.3 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-21198 and CVE-2022-26837. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- Addressed an issue where "Reboot Required" radio button isn't highlighted after BIOS restore.
- Addressed an issue where an HPE MR controller's name is displayed abnormally after setting the language to Japanese in ROM Based Setup Utility (RBSU) rebooting the system.

---

## ROM Flash Firmware Package - System ROM U34

### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-32231 and CVE-2022-26343. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for and security vulnerabilities documented as CVE-2022-37434. This issue is not unique to Hitachi servers.
- Addressed an issue that system will hang when BIOS tries to print a large IML message on POST screen.



- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- Addressed an issue where some Chinese and Japanese translations were missing in RBSU.
- Addressed an issue where a server running the ESXi hypervisor a with TPM module installed would halt on loading modules after the installation of the hypervisor OS, with the message "TPM log extend failed".

#### **Enhancements:**

- Added new System Configuration (RBSU) configuration options that allow enabling and disabling EPP (Energy Performance Preference) when "Workload Profile" sets to "Custom" and "Power Regulator" sets to "OS Control Mode".
- Updated Intel Optane Memory UEFI driver.
- Added support to show manufacturing date for DIMMs in SMBIOS.
- Improved the description of Memory Failed Events in the Integrated Management Log (IML).

---

### **ROM Flash Firmware Package - System ROM U30**

#### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

#### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-32231 and CVE-2022-26343. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for and security vulnerabilities documented as CVE-2022-37434. This issue is not unique to Hitachi servers.
- Addressed an issue that system will hang when BIOS tries to print a large IML message on POST screen.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- Addressed an issue where some Chinese and Japanese translations were missing in RBSU.
- Addressed an issue where a server running the ESXi hypervisor a with TPM module installed would halt on loading modules after the installation of the hypervisor OS, with the message "TPM log extend failed".

#### **Enhancements:**

- Added new System Configuration (RBSU) configuration options that allow enabling and disabling EPP (Energy Performance Preference) when "Workload Profile" sets to "Custom" and "Power Regulator" sets

to “OS Control Mode”.

- Updated Intel Optane Memory UEFI driver.
- Added support to show manufacturing date for DIMMs in SMBIOS.
- Improved the description of Memory Failed Events in the Integrated Management Log (IML).

---

## ROM Flash Firmware Package - System ROM U32

### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-32231 and CVE-2022-26343. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for and security vulnerabilities documented as CVE-2022-37434. This issue is not unique to Hitachi servers.
- Addressed an issue that system will hang when BIOS tries to print a large IML message on POST screen.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- Addressed an issue where some Chinese and Japanese translations were missing in RBSU.
- Addressed an issue where a server running the ESXi hypervisor with TPM module installed would halt on loading modules after the installation of the hypervisor OS, with the message "TPM log extend failed".

### **Enhancements:**

- Added new System Configuration (RBSU) configuration options that allow enabling and disabling EPP (Energy Performance Preference) when “Workload Profile” sets to “Custom” and “Power Regulator” sets to “OS Control Mode”.
- Updated Intel Optane Memory UEFI driver.
- Added support to show manufacturing date for DIMMs in SMBIOS.
- Improved the description of Memory Failed Events in the Integrated Management Log (IML).

---

## ROM Flash Firmware Package - System ROM U41

### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version

IPU.2023.1 guidance.

### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-32231 and CVE-2022-26343. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for and security vulnerabilities documented as CVE-2022-37434. This issue is not unique to Hitachi servers.
- Addressed an issue that system will hang when BIOS tries to print a large IML message on POST screen.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- Addressed an issue where some Chinese and Japanese translations were missing in RBSU.
- Addressed an issue where a server running the ESXi hypervisor a with TPM module installed would halt on loading modules after the installation of the hypervisor OS, with the message "TPM log extend failed".

### **Enhancements:**

- Added new System Configuration (RBSU) configuration options that allow enabling and disabling EPP (Energy Performance Preference) when "Workload Profile" sets to "Custom" and "Power Regulator" sets to "OS Control Mode".
- Updated Intel Optane Memory UEFI driver.
- Added support to show manufacturing date for DIMMs in SMBIOS.
- Improved the description of Memory Failed Events in the Integrated Management Log (IML).

---

## **ROM Flash Firmware Package - System ROM U43**

### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-33894 and CVE-2022-26837. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for security vulnerabilities documented as CVE-2022-37434.
- Addressed an issue that system will hang when BIOS tries to print a large IML message on POST screen.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for

each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.

- Addressed an issue where some Chinese and Japaneses translations were missing from RBSU.
- Addressed an issue where firmware BootTimer would cause a black screen hang when switching TPM 1.2 to 2.0.
- Addressed an issue TPM Visibility option in ROM Based Setup Utility (RBSU) would be greyed out after upgrading the system ROM from 2.54 to 2.58.

#### **Enhancements/New Features:**

- Added support to show manufacturing date for DIMMs in SMBIOS.

---

### **ROM Flash Firmware Package - System ROM U44**

#### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

#### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-33894 and CVE-2022-26837. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for security vulnerabilities documented as CVE-2022-37434.
- Addressed an issue that system will hang when BIOS tries to print a large IML message on POST screen.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- Addressed an issue where some Chinese and Japaneses translations were missing from RBSU.
- Addressed an issue where firmware BootTimer would cause a black screen hang when switching TPM 1.2 to 2.0.
- Addressed an issue TPM Visibility option in ROM Based Setup Utility (RBSU) would be greyed out after upgrading the system ROM from 2.54 to 2.58.

#### **Enhancements/New Features:**

- Added support to show manufacturing date for DIMMs in SMBIOS.

---

### **ROM Flash Firmware Package - System ROM U46**

#### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version

IPU.2023.1 guidance.

### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-21216, CVE-2022-32231, CVE-2022-26343, CVE-2022-33196, CVE-2022-38090 and CVE-2022-33972. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for and security vulnerabilities documented as CVE-2022-37434.
- This revision of the System ROM includes the revision of the OpenSSL library 1.1.1s update which provides mitigation for security vulnerabilities documented as CVE-2022-2097.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- Addressed an issue where an HPE MR controller's name is displayed abnormally after setting the language to Japanese in ROM Based Setup Utility (RBSU) rebooting the system.
- Addressed an issue where the Boot timer record was increasing incorrectly after every warm reboot.
- Addressed a possible hang issue when using a newer PCIe device with a very high PCI bus requirement.
- Addressed an issue where "Reboot Required" radio button isn't highlighted after BIOS restore.

### **Enhancements**

- Added new System Configuration (RBSU) configuration options that allow enabling and disabling EPP (Energy Performance Preference) when "Workload Profile" sets to "Custom" and "Power Regulator" sets to "OS Control Mode".
- Downgraded several debug messages from DEBUG\_ERROR to DEBUG\_INFO level. Removed unnecessary error messages in BIOS serial log.
- Added support to show manufacturing date for DIMMs in SMBIOS..

---

## **ROM Flash Firmware Package - System ROM U60**

### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-26837, CVE-2022-38090 and CVE-2022-30704. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for security vulnerabilities documented as CVE-2022-37434.
- This revision of the System ROM includes the revision of the OpenSSL library 1.1.1s update which

provides mitigation for security vulnerabilities documented as CVE-2022-2097.

- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- This revision of the System ROM includes the latest revision of the Intel IPU 2022.3 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-21198 and CVE-2022-26837. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- Addressed an issue where “Reboot Required” radio button isn't highlighted after BIOS restore.
- Addressed an issue where an HPE MR controller's name is displayed abnormally after setting the language to Japanese in ROM Based Setup Utility (RBSU) rebooting the system.

---

## ROM Flash Firmware Package - System ROM U61

### **Important Note!**

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2023.1 guidance.

### **Problems Fixed:**

- This revision of the System ROM includes the latest revision of the Intel IPU 2023.1 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-26837, CVE-2022-38090 and CVE-2022-30704. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- This revision of the System ROM includes the revision of the zlib library 1.2.13 update which provides mitigation for security vulnerabilities documented as CVE-2022-37434.
- This revision of the System ROM includes the revision of the OpenSSL library 1.1.1s update which provides mitigation for security vulnerabilities documented as CVE-2022-2097.
- Addressed an issue when system discovers very many LUNs and was trying to create boot options for each LUNs. System cannot add, delete or adjust new boot options on iLO web and RBSU after rebooting. System becomes unstable unless loading manufacture default.
- This revision of the System ROM includes the latest revision of the Intel IPU 2022.3 BIOS update which provides Intel's mitigation for BIOS advisory and security vulnerabilities documented as CVE-2022-21198 and CVE-2022-26837. This security vulnerability is documented in the CVE report site. This issue is not unique to Hitachi servers.
- Addressed an issue where “Reboot Required” radio button isn't highlighted after BIOS restore.
- Addressed an issue where an HPE MR controller's name is displayed abnormally after setting the language to Japanese in ROM Based Setup Utility (RBSU) rebooting the system.

---

## Integrated Smart Update Tools 4.1.0 for ESXi 7.0

Version: 2023.03.00 (Recommended)

## **Fixes**

See the iSUT Release Notes for information about the issues resolved in this release

## **Enhancements**

See the iSUT Release Notes for information about the enhancements added in this release

---

## **Integrated Smart Update Tools for Linux x64**

Version: 4.1.0.0 (Recommended)

### **Important Note!**

Please note the following:

SUT requires a Service Pack for ProLiant-based ISO containing Smart Update Manager (SUM) 8.0.0 or later.

If an earlier version of SUM is used, SUT will notify the user that SUM 8.0.0 and later is required.

SUT uses the iLO RESTful Tool to communicate with iLO. iLO RESTful Tool is included with the SUT component and is installed as part of the SUT installation process. If an earlier version of the iLO RESTful Tool is already installed on a server, the iLO RESTful Tool provided with SUT will be upgraded on the server. SUT will service HPE ProLiant Gen8 and later versions and requires iLO 4 firmware version 2.51 or later. For Gen10 and above we need iLO 5 firmware version 1.11 or later

Smart Update Tools requires iLO Advanced Pack license.

### **Prerequisites**

For prerequisite information, please see the iSUT Release Notes.

## **Fixes**

See the iSUT Release Notes for information about the issues resolved in this release

## **Enhancements**

See the iSUT Release Notes for information about the issues resolved in this release

---

## **Integrated Smart Update Tools for Windows x64**

Version: 4.1.0.0 (Recommended)

### **Important Note!**

Please note the following:

SUT requires a Service Pack for ProLiant-based ISO containing Smart Update Manager (SUM) 8.0.0 or later.

If an earlier version of SUM is used, SUT will notify the user that SUM 8.0.0 and later is required.

SUT uses the iLO RESTful Tool to communicate with iLO. iLO RESTful Tool is included with the SUT component and is installed as part of the SUT installation process. If an earlier version of the iLO RESTful Tool is already installed on a server, the iLO RESTful Tool provided with SUT will be upgraded on the server. SUT will service HPE ProLiant Gen8 and later versions and requires iLO 4 firmware version 2.51 or later. For Gen10 and above we need iLO 5 firmware version 1.11 or later

Smart Update Tools requires iLO Advanced Pack license.

### **Prerequisites**

For prerequisite information, please see the SUT Release Notes.

### **Fixes**

See the iSUT Release Notes for information about the issues resolved in this release

### **Enhancements**

See the iSUT Release Notes for information about the issues resolved in this release

---

## **Identifiers for Intel Xeon Scalable Processors (First and Second Generation) for Microsoft Windows**

Version: 10.1.19006.8299 (Recommended)

### **Enhancements**

- Chipset driver update

---

## **Identifiers for Intel Xeon Scalable Processors (Third Generation) for Microsoft Windows**

Version: 10.1.19006.8299 (Recommended)

### **Enhancements**

- Chipset driver update

---

## **Broadcom NetXtreme-E Driver for Microsoft Windows Server 2019**

Version: 224.0.159.0 (Recommended)

### **Important Note!**

HPE recommends the firmware provided in Broadcom Firmware Package for BCM5741x and BCM5750x adapters, version 224.1.102.0 or later, for use with this driver.

### **Fixes**

- This product addresses an issue where VF RoCE will not function if default VLAN is enabled on vSwitch for the VF.
- This product addresses an issue where changing the 'Speed&Duplex' setting from forced speed to auto-negotiation, the link come up at an undesired speed.
- This product correct an issue which the driver vlan programming filters to make the filtering work to cover unicast, multicast, and broadcast frame types.
- This product correct an issue which no VF RDMA connectivity with VLAN enabled.
- This product correct an issue which the issue which unable to recover from FW crash triggered by bnxtnvm fwcli 'crash fw\_assert' for BCM57504 series adapters.
- This product correct an issue which large DMA memory allocations would sometimes fail in VF drivers when many VMs were being started at the same time.
- This product correct an issue which yellow bang issue which VF driver was reserving RDMA resources even when RDMA was disabled on the PF.



## **Enhancements**

- This product enhanced driver to support NDIS Poll Mode that would reduce DPC time.
- This product enhanced the way to logging debug data for the system event log message
- This product enhanced the way to add the driver version to the event log message text for the successful initialization message.
- This product enhanced NDIS VmqScalability by reducing number of MAC filters for BCM5741x.
- This product contains functional problems warnings improvements.

## **Supported Devices and Features**

This product supports the following network adapters:

- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

---

## **Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022**

Version: 224.0.159.0 (Recommended)

## **Important Note!**

HPE recommends the firmware provided in Broadcom Firmware Package for BCM5741x and BCM5750x adapters, version 224.1.102.0 or later, for use with this driver.

## **Fixes**

- This product addresses an issue where VF RoCE will not function if default VLAN is enabled on vSwitch for the VF.
- This product addresses an issue where changing the 'Speed&Duplex' setting from forced speed to auto-negotiation, the link come up at an undesired speed.
- This product correct an issue which the driver vlan programming filters to make the filtering work to cover unicast, multicast, and broadcast frame types.
- This product correct an issue which no VF RDMA connectivity with VLAN enabled.
- This product correct an issue which the issue which unable to recover from FW crash triggered by bnxtnvm fwcli 'crash fw\_assert' for BCM57504 series adapters.
- This product correct an issue which large DMA memory allocations would sometimes fail in VF drivers when many VMs were being started at the same time.
- This product correct an issue which yellow bang issue which VF driver was reserving RDMA resources even when RDMA was disabled on the PF.

## **Enhancements**

- This product enhanced driver to support NDIS Poll Mode that would reduce DPC time.
- This product enhanced the way to logging debug data for the system event log message
- This product enhanced the way to add the driver version to the event log message text for the successful initialization message.
- This product enhanced NDIS VmqScalability by reducing number of MAC filters for BCM5741x.
- This product contains functional problems warnings improvements.

## **Supported Devices and Features**

This product supports the following network adapters:

- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

---

## **Broadcom NX1 1Gb Driver for Windows Server x64 Editions**

Version: 221.0.5.0 (Recommended)

### **Important Note!**

HPE recommends the firmware provided in HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.3.3.0 or later, for use with this driver.

### **Fixes**

This product addresses an issue where update of Driver Copyright information

## **Supported Devices and Features**

This product supports the following network adapters:

- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE
- Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE

---

## **HPE Broadcom NetXtreme-E Driver for Windows Server 2019**

Version: 224.0.159.0 (Recommended)

### **Important Note!**

### **Fixes**

- This product addresses an issue where VF RoCE will not function if default VLAN is enabled on vSwitch for the VF.
- This product addresses an issue where changing the 'Speed&Duplex' setting from forced speed to auto-negotiation, the link come up at an undesired speed.
- This product correct an issue which the driver vlan programming filters to make the filtering work to coverunicast, multicast, and broadcast frame types.
- This product correct an issue which no VF RDMA connectivity with VLAN enabled.
- This product correct an issue which the issue which unable to recover from FW crash triggered by `bnxtnvm fwcli 'crash fw_assert'` for BCM57504 series adapters.
- This product correct an issue which large DMA memory allocations would sometimes fail in VF drivers when many VMs were being started at the same time.
- This product correct an issue which yellow bang issue which VF driver was reserving RDMA resources even when RDMA was disabled on the PF.

### **Enhancements**

- This product enhanced river to support NDIS Poll Mode that would reduce DPC time.

- This product enhanced the way to logging debug data for the system event log message
- This product enhanced the way to add the driver version to the event log message text for the successful initialization message.
- This product enhanced NDIS VmqScalability by reducing number of MAC filters for BCM5741x.
- This product contains functional problems warnings improvements.

### **Supported Devices and Features**

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 535FLR-T Adapter
- HPE Ethernet 10Gb 2-port 535T Adapter
- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter

---

### **HPE Broadcom NetXtreme-E Driver for Windows Server 2022**

Version: 224.0.159.0 (Recommended)

### **Important Note!**

#### **Fixes**

- This product addresses an issue where VF RoCE will not function if default VLAN is enabled on vSwitch for the VF.
- This product addresses an issue where changing the 'Speed&Duplex' setting from forced speed to auto-negotiation, the link come up at an undesired speed.
- This product correct an issue which the driver vlan programming filters to make the filtering work to cover unicast, multicast, and broadcast frame types.
- This product correct an issue which no VF RDMA connectivity with VLAN enabled.
- This product correctan issue which the issue which unable to recover from FW crash triggered by bnxtnvm fwcli 'crash fw\_assert' for BCM57504 series adapters.
- This product correct an issue which large DMA memory allocations would sometimes fail in VF drivers when many VMs were being started at the same time.
- This product correct an issue which yellow bang issue which VF driver was reserving RDMA resources even when RDMA was disabled on the PF.

#### **Enhancements**

- This product enhanced river to support NDIS Poll Mode that would reduce DPC time.
- This product enhanced the way to logging debug data for the system event log message
- This product enhanced the way to add the driver version to the event log message text for the successful initialization message.
- This product enhanced NDIS VmqScalability by reducing number of MAC filters for BCM5741x.
- This product contains functional problems warnings improvements.

## **Supported Devices and Features**

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 535FLR-T Adapter
- HPE Ethernet 10Gb 2-port 535T Adapter
- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter

---

## **HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8**

Version: 1.10.2-224.0.157.0 (Recommended)

### **Important Note!**

HPE recommends the HPE Broadcom NetXtreme-E Firmware Version, 224.1.102000 or later, for use with this driver.

### **Fixes**

- This product addresses an issue where System crash on running ethtool self test in loop on multiple adapter ports
- This product addresses an issue where MSIX collision between L2 and RoCE drivers.
- This product addresses an issue where Devlink reload command failed.
- This product correct an issue which unable to recover from FW crash triggered by `bnxtnm fwcli 'crash fw_assert'`.
- This product correct an issue which the call traces while unloading `bnxt_en` and `bnxt_re` driver
- This product correct an issue which `ethtool -S` crash when firmware is unhealthy
- This product correct an issue which `rdev` allocation '`__flush_work`' issue by doing initialization for kernel workqueue.

### **Enhancements**

- This product enhanced optimize driver around user data copy.
- This product enhanced driver warning messages are thrown when driver reload.
- This product enhanced to support XDP multibuffer.
- This product enhanced ethtool to support CMIS 4.0 and backwards compatibility apart from compat changes.

## **Supported Devices and Features**

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 535FLR-T Adapter
- HPE Ethernet 10Gb 2-port 535T Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter
- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter

- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

---

## **HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0**

Version: 2023.03.00 (Recommended)

### **Important Note!**

- This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CPOxxxx.xml file.
- HPE recommends the HPE Broadcom NetXtreme-E Firmware Version, 224.1.102000 or later, for use with this driver.

### **Fixes**

- This product correct an issue which Fix no VLAN stripping issue.
- This product correct an issue which Invalid memory access when DCB structure memory allocation fails during driver unload and DCB async event received by driver.

### **Enhancements**

- This product enhances queue deletion and addition support ENS driver for VMware NSX-T.
- This product enhances to support for PHY\_CFG\_CHANGE event processing, driver receives async event for any change in pause behavior.

### **Supported Devices and Features**

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 535FLR-T Adapter
- HPE Ethernet 10Gb 2-port 535T Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter
- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

Version: 224.0.157.0 (Recommended)

### **Prerequisites**

HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8, version 1.10.2-224.0.157.0 or later, must be installed before installing this product.

The libibverb and rdma-core package must be installed on the target system prior to the installation of the RoCE library. If not already present, the packages can be obtained from the operating system installation media.

### **Fixes**

- This product addresses an issue where System crash due to the race conditions between different

bnxt\_re driver operations

- This product correct an issue which the bnxt\_re driver crash or longer time to complete during unload under heavy RoCE I/O load.
- This product correct an issue which the bnxt\_re ifup initialization failed after aborted error recovery.
- This product correct an issue which the Kernel panic when driver detect roce firmware command timeout.
- This product correct an issue which the debugging bnxt\_re printing to reduce the latency whenever the roce channel command timeout is detected.
- This product correct an issue which ethtool -m could not dump the information for the SFF 0x1e module ID.
- This product correct an issue which RoCE bandwidth very lower when load driver with no link present and speed forced to 10G.
- This product correct an issue which system crash when enabling VF and vswitch bridging in a repeated cycle.

### **Enhancements**

- This product enhanced to add bnxt\_re module parameter to specify the number of MSIX vectors per PF.
- This product enhanced to add the support for rdma-core version v38, v39, v40, v41 and v24 in RoCE library.

### **Supported Devices and Features**

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 535FLR-T Adapter
- HPE Ethernet 10Gb 2-port 535T Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ Adapter
- HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter
- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

---

## **HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions**

Version: 221.0.5.0 (Recommended)

### **Important Note!**

HPE recommends the firmware provided in HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.3.3.0 or later, for use with this driver.

### **Fixes**

This product addresses an issue where update of Driver Copyright information.

### **Supported Devices and Features**

This driver supports the following network adapters:

- HPE Ethernet 1Gb 4-port 331i Adapter (22BE)
- HPE Ethernet 1Gb 4-port 331FLR Adapter
- HPE Ethernet 1Gb 4-port 331T Adapter
- HPE Ethernet 1Gb 2-port 332i Adapter (22E8)
- HPE Ethernet 1Gb 2-port 332T Adapter

---

## **HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8**

Version: 3.139j-1 (Recommended)

### **Important Note!**

HPE recommends the firmware provided in HPE NX1 Broadcom Online Firmware Upgrade Utility for Linux x86\_64, version 2.32.x or later, for use with these drivers.

### **Enhancements**

This product enhanced the compatibility with new kernel supported.

### **Supported Devices and Features**

These drivers support the following network adapters:

- HPE Ethernet 1Gb 4-port 331i Adapter (22BE)
- HPE Ethernet 1Gb 4-port 331FLR Adapter
- HPE Ethernet 1Gb 4-port 331T Adapter
- HPE Ethernet 1Gb 2-port 332i Adapter (22E8)
- HPE Ethernet 1Gb 2-port 332T Adapter
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE
- Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE

---

## **HPE Intel E1R Driver for Windows Server 2019**

Version: 12.18.13.0 (B) (Recommended)

### **Important Note!**

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.3.3.0 or later, for use with this driver.

### **Fixes**

This product correct an issue which fixes BSOD(bugcheck NMI\_HARDWARE\_FAILURE) when driver installation on AMD platforms

### **Supported Devices and Features**

This driver supports the following HPE Intel E1R network adapters:

- HP Ethernet 1Gb 2-port 361i Adapter
- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter

- HPE Ethernet 1Gb 4-port 366T Adapter

---

## **HPE Intel E1R Driver for Windows Server 2022**

Version: 13.0.13.0 (B) (Recommended)

### **Important Note!**

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.3.3.0 or later, for use with this driver.

### **Fixes**

This product correct an issue which the component can't read the current driver version.

### **Supported Devices and Features**

This driver supports the following HPE Intel E1R network adapters:

- HP Ethernet 1Gb 2-port 361i Adapter
- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter

---

## **HPE Intel i40e Drivers for Red Hat Enterprise Linux 8**

Version: 2.21.12-1 (Recommended)

### **Important Note!**

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86\_64, version 1.27.0 or later, for use with these drivers.

### **Fixes**

- This products fixes reading WoL settings from the adapter
- This products fixes no connection when disable vlan strip before adding vlan
- This products fixes memory leak when driver\_register() fails

### **Enhancements**

This product now supports the command Parameter, ethtool -s <interface> speed <speed in Mb>

### **Supported Devices and Features**

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 369i Adapter
- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter
- HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter

---

## **HPE Intel i40ea Driver for Windows Server 2019**

Version: 1.16.202.5 (Recommended)



### **Important Note!**

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.3.3.0 or later, for use with this driver.

### **Fixes**

This product correct an issue which fixes BSOD(bugcheck 7E) when virtual switch is assigned to a VM.

### **Enhancements**

This product enhanced the compatibility with firmware of FVL9.1.

### **Supported Devices and Features**

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter

---

## **HPE Intel i40ea Driver for Windows Server 2022**

Version: 1.16.206.3 (Recommended)

### **Important Note!**

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.3.3.0 or later, for use with this driver.

### **Fixes**

This product correct an issue which fixes BSOD(bugcheck 7E) when virtual switch is assigned to a VM.

### **Enhancements**

This product enhanced the compatibility with firmware of FVL9.1.

### **Supported Devices and Features**

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter

---

## **HPE Intel i40eb Driver for Windows Server 2019**

Version: 1.16.202.6 (Recommended)

### **Important Note!**

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.3.3.0 or later, for use with this driver.

### **Fixes**

This product correct an issue which fixes BSOD(bugcheck 0x50) when system reboot.

### **Supported Devices and Features**

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 369i Adapter

---

## **HPE Intel i40eb Driver for Windows Server 2022**

Version: 1.16.206.4 (Recommended)

### **Important Note!**

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.3.3.0 or later, for use with this driver.

### **Fixes**

This product correct an issue which fixes BSOD(bugcheck 0x50) when system reboot.

### **Supported Devices and Features**

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 369i Adapter

---

## **HPE Intel i40en Driver for VMware vSphere 7.0**

Version: 2023.03.00 (Recommended)

### **Important Note!**

This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for VMware, version 3.20.0 or later, for use with this driver.

### **Enhancements**

This product enhanced the compatibility with firmware of FVL9.1.

### **Supported Devices and Features**

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 369i Adapter
- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter
- HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter

---

## **HPE Intel iavf Driver for Windows Server 2022**

Version: 1.13.8.0 (C) (Recommended)

### **Important Note!**

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.3.3.0 or later, for use with this driver.

## **Prerequisites**

This driver requires host driver version 1.16.206.3 or later.

## **Fixes**

This product correct an issue which the component can't read the current driver version.

## **Supported Devices and Features**

This product supports the following HPE Intel i40ea network adapters:

- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter

This product supports the following HPE Intel i40eb network adapters:

---

## **HPE Intel iavf Drivers for Red Hat Enterprise Linux 8**

Version: 4.6.1-1 (Recommended)

### **Important Note!**

HPE recommends the firmware provided below,

- HPE Intel Online Firmware Upgrade Utility for Linux x86\_64, version 1.27.0 or later, for use with these drivers.
- Intel Online Firmware Upgrade Utility for Linux x86\_64, version 1.27.0 or later, for use with these drivers.
- Intel Firmware Package For E810, version 4.10 or later, for use with these drivers.

## **Fixes**

- This product fixes an issue where it has race condition between iavf\_open and iavf\_handle\_hw\_reset
- This product fixes an crash issue in iavf\_suspend
- This product fixes VF stuck in reset.

## **Enhancements**

- This product enhanced the wating time to wait MTU change.
- This product enhanced ability to turn off CRC stripping for VF

## **Supported Devices and Features**

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 369i Adapter
- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562SFP+ Adapter
- HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter
- Intel E810-2CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-portQSFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE

- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 MCLK Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

---

## **HPE Intel igb Drivers for Red Hat Enterprise Linux 8**

Version: 6.12.3-1 (Recommended)

### **Fixes**

This product fix an issue where it has warning message during compilation

### **Supported Devices and Features**

These drivers support the following network adapters:

- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 2-port 361i Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter
- Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE
- Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE
- Intel(R) I350 Gigabit Network Connection

---

## **HPE Intel igbn Driver for VMware vSphere 7.0**

Version: 2023.03.00 (Recommended)

### **Important Note!**

This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for VMware, version 3.20.0 or later, for use with this driver.

### **Enhancements**

This product now supports the following new server.

HPE ProLiant DL560 Gen11 Server

HPE ProLiantDL110 Gen11 Server

HPE ProLiant ML110 Gen11 Server

### **Supported Devices and Features**

These drivers support the following network adapters:

- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 2-port 361i Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter
- Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE
- Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE

- Intel(R) I350 Gigabit Network Connection

---

## **HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 8**

Version: 5.17.1-1 (Recommended)

### **Important Note!**

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86\_64, version 1.23.0 or later, for use with these drivers.

### **Enhancements**

This product now supports Linux kernel versions 2.6.18 up through 5.18

### **Supported Devices and Features**

These drivers support the following network adapters:

- HPE Ethernet 10Gb 2-port 562FLR-T Adapter
- HPE Ethernet 10Gb 2-port 562T Adapter

---

## **HPE Intel ixgben Driver for VMware vSphere 7.0**

Version: 2023.03.00 (Recommended)

### **Important Note!**

This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CPOxxxxx.xml file.

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for VMware, version 3.2.0 or later, for use with this driver.

### **Enhancements**

This product enhanced the compatibility with new version of the firmware.

### **Supported Devices and Features**

These drivers support the following network adapters:

- HPE Ethernet 10Gb 2-port 562T Adapter
- HPE Ethernet 10Gb 2-port 562FLR-T Adapter

---

## **HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 8**

Version: 4.16.5-1 (Recommended)

### **Important Note!**

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86\_64, version 1.23.0 or later, for use with these drivers.

### **Enhancements**

This product now supports Linux kernel versions 2.6.18 up through 5.18

### **Supported Devices and Features**

These drivers support the following network adapters:

- HPE Ethernet 10Gb 2-port 562FLR-T Adapter
- HPE Ethernet 10Gb 2-port 562T Adapter

---

### **HPE Intel ix3 Driver for Windows Server 2019**

Version: 4.1.246.2 (Recommended)

#### **Important Note!**

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.8.0 or later, for use with this driver.

#### **Enhancements**

This product is updated to maintain compatibility with updated Windows installation library ixsmg.dll.

### **Supported Devices and Features**

This driver supports the following network adapters:

- HPE Ethernet 10Gb 2-port 562FLR-T Adapter
- HPE Ethernet 10Gb 2-port 562T Adapter

---

### **HPE Intel ix3 Driver for Windows Server 2022**

Version: 4.1.248.0 (B) (Recommended)

#### **Important Note!**

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.3.3.0 or later, for use with this driver.

#### **Fixes**

This product correct an issue which the component can't read the current driver version.

### **Supported Devices and Features**

This driver supports the following network adapters:

- HPE Ethernet 10Gb 2-port 562FLR-T Adapter
- HPE Ethernet 10Gb 2-port 562T Adapter

---

### **HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2019**

Version: 3.10.25798.0 (Recommended)

#### **Fixes**

- This product fix an issue that caused the driver to crash if it the vPort ID greater than the maximum supported vPorts.
- This product fix an issue which the command returned an error although the link was up in ""mlx5cmd - linkspeed"". This happened when link up time exceeded 5seconds.

## **Supported Devices and Features**

This driver supports the following network adapters:

- HPE Ethernet 25Gb 2-port 640SFP28 Adapter
- HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter
- HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter

---

## **HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2022**

Version: 3.10.25798.0 (Recommended)

### **Fixes**

- This product fix an issue that caused the driver to crash if it the vPort ID greater than the maximum supported vPorts.
- This product fix an issue which the command returned an error although the link was up in ""mlx5cmd - linkspeed"". This happened when link up time exceeded 5 seconds.

## **Supported Devices and Features**

This driver supports the following network adapters:

- HPE Ethernet 25Gb 2-port 640SFP28 Adapter
- HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter
- HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter

Version: 4.22 (Optional)

### **Fixes**

MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode.

### **Enhancements**

MFT prerequisite RPMs for Mellanox adapter firmware update in Secure Boot mode.

## **Supported Devices and Features**

SUPPORTED KERNELS:

4.18.0-372.9.1.el8 - (x86\_64) and future update kernels.

Version: 5.8 (Recommended)

### **Important Note!**

Mellanox Ethernet + RoCE Linux driver (mlnx-ofa\_kernel RPMs) supports only Ethernet mode of operation with RoCE (RDMA over Converged Ethernet) functionality for HPE Mellanox Ethernet-only adapters and HPE Mellanox VPI (Virtual Protocol Interconnect) adapters configured to operate in Ethernet mode. For customers requiring complete InfiniBand functionality or "InfiniBand + Ethernet" modes of operation on the same node, install HPE signed MLNX-OFED drivers from Linux Software Delivery Repository ([https://downloads.linux.hpe.com/SDR/project/mlnx\\_ofed\\_cx4plus/](https://downloads.linux.hpe.com/SDR/project/mlnx_ofed_cx4plus/)).

### **Fixes**

The following issues have been fixed in version 5.8:

- The redundant freeing of a list item could lead to memory corruption, potentially causing the application

to crash or incorrect traffic handling.

- The host driver probe did not check whether there are existing SFs which are present in the device, causing the host driver to not recreate those SFs.
- The kernel went into panic mode if there were multiple encapsulations and not all neighbors were valid.

### **Enhancements**

No new features or changes have been included in version 5.8.

### **Supported Devices and Features**

SUPPORTED KERNELS:

4.18.0-372.9.1.el8 - (x86\_64) and future update kernels.

---

## **HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 8**

Version: 8.72.1.0-1 (Recommended)

### **Important Note!**

Linux Driver	Version
-----	
Linux qed	8.72.1.0
Linux qede	8.72.1.0
Linux qedr	8.72.1.0
Linux qedi	8.72.1.0
Linux qedf	8.72.1.0

-Driver RPMs for following OS distributions are available:

HPE recommends the firmware provided as below for use with these drivers,

- Firmware component (HPE QLogic FastLinQ Firmware Package for Arrowhead adapters,ql\_hp\_ah\_mbi\_8.65.01\_pldm.fwpkg) version 8.65.01 or later is recommended for use with this driver set.

### **Fixes**

This product fixes an issue where the compilation issue to support RHEL9.1 and RHEL8.7.

### **Enhancements**

This product enhanced the compatibility with HPE QLogic FastLinQ Firmware Package for Arrowhead adapters version 8.65.01 (or later) and HPE QLogic FastLinQ Online Firmware Upgrade Utility for Linux x86\_64 version 1.22.0 (or later)

### **Supported Devices and Features**

This product supports the following network adapters:

---

## **HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 7.0**

Version: 2023.03.00 (Recommended)



### **Important Note!**

This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CP0xxxxx.xml file.

HPE recommends the firmware provided as below for use with these drivers,

- HPE QLogic FastLinQ OnlineFirmware Upgrade Utility for VMware, version 4.17.0 or later.

### **Enhancements**

This product synchronizes FW Upgrade Utility version with VMware version

### **Supported Devices and Features**

This product supports the following network adapters:

---

## **HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8**

Version: 7.15.14-1 (Recommended)

### **Important Note!**

Driver	Version
--------	---------

-----

Cnic	2.5.21k
------	---------

Bnx	2.2.2.6e
-----	----------

bnx2x	1.715.20
-------	----------

bnx2i	2.11.29.0
-------	-----------

bnx2fc	2.12.21
--------	---------

- HPE recommends the firmware provided in HPE QLogic NX2 Online Firmware Upgrade Utility for Linux, version 2.32.0 or later, for use with these drivers.

### **Fixes**

This product fixes an issue where the compilation issue to support RHEL9.1 and RHEL8.7.

### **Enhancements**

This product enhanced the compatibility with HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions version 2.32.0 (or later)

### **Supported Devices and Features**

These drivers support the following network adapters:

- HP Ethernet 10Gb 2-port 530SFP+ Adapter
- HP Ethernet 10Gb 2-port 530T Adapter

---

## **Intel i350 Driver for Windows Server 2019**

Version: 12.18.13.0 (C) (Recommended)

### **Important Note!**

HPE recommends the firmware provided in Intel Online Firmware Upgrade Utility for Windows Server x64

Editions, version 5.3.3.0 or later, for use with this driver.

### **Fixes**

This product correct an issue which fixes BSOD(bugcheck NMI\_HARDWARE\_FAILURE) when driver installation on AMD platforms

### **Supported Devices and Features**

This driver supports the following HPE Intel E1R network adapters:

- Intel(R) I350 Gigabit Network Connection

---

### **Intel i350 Driver for Windows Server 2022**

Version: 13.0.13.0 (C) (Recommended)

### **Important Note!**

- Intel(R) I350 Gigabit Network Connection

HPE recommends the firmware provided in Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.3.3.0 or later, for use with this driver.

### **Fixes**

This product correct an issue which the component can't read the current driver version.

### **Supported Devices and Features**

This driver supports the following HPE Intel E1R network adapters:

---

### **Intel i40ea Driver for Windows Server 2019**

Version: 1.16.202.5 (Recommended)

### **Important Note!**

HPE recommends the firmware provided in Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.8.0 or later, for use with this driver.

### **Fixes**

This product correct an issue which fixes BSOD(bugcheck 7E) when virtual switch is assigned to a VM.

### **Enhancements**

- This product enhanced the compatibility with firmware of FVL9.1.
- This product now supports the following new server.

HPE ProLiant DL560 Gen11 Server

HPE ProLiant DL110 Gen11 Server

HPE ProLiant ML110 Gen11 Server

### **Supported Devices and Features**

This driver supports the following HPE Intel I40EA network adapters:

- Intel X710-DA2 Ethernet 10Gb 2-port SFP+ OCP3 Adapter for HPE
- Intel X710-DA2 Ethernet 10Gb 2-port SFP+ Adapter for HPE

---

## Intel i40ea Driver for Windows Server 2022

Version: 1.16.206.3 (Recommended)

### **Important Note!**

HPE recommends the firmware provided in Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.8.0 or later, for use with this driver.

### **Fixes**

This product correct an issue which fixes BSOD(bugcheck 7E) when virtual switch is assigned to a VM.

### **Enhancements**

- This product enhanced the compatibility with firmware of FVL9.1.
- This product now supports the following new server.

HPE ProLiant DL560 Gen11 Server

HPE ProLiant DL110 Gen11 Server

HPE ProLiant ML110 Gen11 Server

### **Supported Devices and Features**

This driver supports the following HPE Intel I40EA network adapters:

- Intel X710-DA2 Ethernet 10Gb 2-port SFP+ OCP3 Adapter for HPE
- Intel X710-DA2 Ethernet 10Gb 2-port SFP+ Adapter for HPE

---

## Intel ice Drivers for Red Hat Enterprise Linux 8

Version: 1.10.1.2-1 (Recommended)

### **Important Note!**

HPE recommends the firmware provided in Intel Firmware Package For E810 Ethernet Adapter, version 4.10 or later, for use with these drivers.

### **Enhancements**

This product enhanced the availability of debugfs functionality when UEFI Secure Boot is enabled

### **Supported Devices and Features**

This product supports the following network adapters:

- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE
- Intel E810-2CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE
- IntelE810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 MCLK Adapter for HPE

---

## Intel icea Driver for Microsoft Windows Server 2022

Version: 1.12.148.0 (Recommended)

### **Important Note!**

HPE recommends the firmware provided in Intel Firmware Package for Columbiaville (FWPKG), version 4.10 or later, for use with this driver.

### **Enhancements**

- This product enhanced the compatibility with firmware of CVL4.1.
- This product now supports the following new server.

HPE ProLiant DL560 Gen11 Server

HPE ProLiant DL110 Gen11 Server

HPE ProLiant ML110 Gen11 Server

### **Supported Devices and Features**

This driver supports the following HPE Intel ICEA network adapters:

- Intel E810-2CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-portSFP28 OCP3 Adapter for HPE

---

## Intel icea Driver for Windows Server 2019

Version: 1.12.148.0 (Recommended)

### **Important Note!**

HPE recommends the firmware provided in Intel Firmware Package for Columbiaville (FWPKG), version 4.10 or later, for use with this driver.

### **Enhancements**

- This product enhanced the compatibility with firmware of CVL4.1.
- This product now supports the following new server.

HPE ProLiant DL560 Gen11 Server

HPE ProLiant DL110 Gen11 Server

HPE ProLiant ML110 Gen11 Server

### **Supported Devices and Features**

This driver supports the following HPE Intel ICEA network adapters:

- Intel E810-2CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE

- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

---

## Intel icen Driver for VMware vSphere 7.0

Version: 2023.03.00 (Recommended)

### **Important Note!**

- This component is intended to be used by HPE applications. It is a zip file that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CPOxxxx.xml file.
- HPE recommends the firmware provided in Intel Firmware Package For E810 Ethernet Adapter, version 4.10 or later, for use with this driver.

### **Enhancements**

This product enhanced the compatibility with firmware of CVL4.1.

### **Supported Devices and Features**

This product supports the following network adapters:

- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE
- Intel E810-2CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

---

## Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5\_en" Driver Component for VMware ESXi 7.0

### **Update 3**

Version: 2022.11.09 (Recommended)

### **Important Note!**

Important: Version 4.22.73.1004 supports VMware ESXi 7.0 Update 3 only.

Known Issues with driver version 4.22.73.1004:

- A mismatch between the uplink and the VF MTU values may result in CQE with error. Workaround: Align the uplink and the VF MTU values.
- Enabling sriov\_mc\_isolation module parameter may result in vmknic and emulated NICs multicast and IPv6 traffic loss. Workaround: Unset or set the module parameter to 0.
- RDMA is not supported in the Hypervisor with ENS (Enhanced Network Stack) model 2.
- Setting the "Allow Guest MTU Change" option in vSphere Client is currently not functional. Although guest MTU changes in SR-IOV are allowed, they do not affect the port's MTU and the guest's MTU

remains the same as the PF MTU.

- ECN ( Explicit congestion notification) statistic counters accumulatorsPeriod and ecnMarkedRocePackets display wrong values and cannot be cleared.
- ECN tunable parameter initialAlphaValue for the Reaction Point protocol cannot be modified.
- Card's speed remains zero after port goes down and reboot is performed.
- RoCE traffic may fail after vMotion when using namespace.
- Legacy SR-IOV is not supported with Model 1.
- When in ENS mode, changing the scheduler to HCLK, may cause traffic loss.
- The 'esxcli mellanox uplink link info -u <vmnic\_name>' command reports the 'Auto negotiation' capability always as 'true'.
- SMP MADs (ibnetdiscover, sminfo, iblinkinfo, smpdump, ibqueryerr, ibdiagnet and smpquery) are not supported on the VFs.
- Although the max\_vfs module parameter range is "0-128", due to firmware limitations, the following are the supported VFs per single port devices:
  - ConnectX-4 / ConnectX-5: up to 127

## **Fixes**

### **Fixes included in driver version 4.22.73.1004:**

- Fixed an issue that caused a ParaVirtual VM to lose traffic after resuming from the suspend mode when SR-IOV was enabled in the system.
- Cleaned steering rule from FDB when VF is being quiesced.
- Fixed an issue that caused the driver to configure the incorrect SL value for RoCE with RDMACM.

## **Enhancements**

New features and changes in driver version 4.22.73.1004:

- Firmware CR dump will now be collected automatically into ZDUMP PSOD or on livedump for debuggability purposes.
- Enabled the driver to read the temperature from private statistics.

To see the temperature, run:# nsxudp-cli ens uplink stats get -n vmnic1 | grep -i asicSensorTemperature

- Added support for Hardware Accelerated GENEVE and VXLAN encapsulation and decapsulation for RoCE traffic.
- Hardware accelerated flows can now be mirrored using the standard packet capture tools.
- Added the ability to offload NSX Distributed Firewall rules by using in-hardware trackingof packet flows.
- RSS support for ENS Model 1 improves performance using fewer CPU cores. This capability can be enabled using the "netq\_rss\_ens" module parameter.

## **Supported Devices and Features**

HPE Part Number	Device Name	PSID
872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	HPE000000009
P10112-B21	Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28	MT_0000000241

	OCP3 Adapter for HPE	
P13188-B21	Mellanox MCX512F-ACHT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	MT_0000000416
P25960-B21	Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	MT_0000000437
P10180-B21	Mellanox MCX623105AS-VDAT Ethernet 200Gb 1-port QSFP56 Adapter for HPE	MT_0000000435
P42041-B21	Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	MT_0000000551
P42044-B21	Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	MT_0000000575

---

### **Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2019**

Version: 3.10.25798.0 (Recommended)

#### **Fixes**

- This product fix an issue that caused the driver to crash if it the vPort ID greater than the maximum supported vPorts.
- This product fix an issue which the command returned an error although the link was up in ""mlx5cmd - linkspeed"". This happened when link up time exceeded 5 seconds.

#### **Supported Devices and Features**

This driver supports the following network adapters:

- HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter
- HPE Ethernet 100Gb 2-Port QSFP56 MCX623106AS-CDAT Adapter
- Mellanox MCX623105AS-VDAT Ethernet 200Gb 1-port QSFP56 Adapter for HPE
- Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE

---

### **Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2022**

Version: 3.10.25798.0 (Recommended)

#### **Fixes**

- This product fix an issue that caused the driver to crash if it the vPort ID greater than the maximum supported vPorts.
- This product fix an issue which the command returned an error although the link was up in ""mlx5cmd - linkspeed"". This happened when link up time exceeded 5 seconds.

#### **Supported Devices and Features**

This driver supports the following network adapters:

- HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter
- HPE Ethernet 100Gb 2-Port QSFP56 MCX623106AS-CDAT Adapter

- Mellanox MCX623105AS-VDAT Ethernet 200Gb 1-port QSFP56 Adapter for HPE
- Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
- Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE

---

## **HPE MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p Gen10P and Gen11 controller (64-bit) Driver for vSphere 7.0**

Version: 2023.04.01 (Recommended)

### **Important Note!**

This component is intended to be used by HPE applications. It is a zip that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CPXXXX.xml file.

### **Enhancements**

Support HPE ML110 and DL560 Gen11 servers

---

## **HPE MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p Gen10P and Gen11 controller Driver for Microsoft Windows 2019 edition**

Version: 7.722.6.0 (Recommended)

### **Enhancements**

Support HPE ML110 and DL560 Gen11 servers

---

## **HPE MR416i-p, MR416i-o, MR216i-o, MR408i-o, MR216i-p Gen10P and Gen11 controller driver for Microsoft Windows 2022 edition**

Version: 7.722.6.0 (C) (Recommended)

### **Enhancements**

Support HPE ML110 and DL560 Gen11 servers

---

## **HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019**

Version: 14.0.534.0 (c) (Recommended)

### **Prerequisites**

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

### **Enhancements**

Updated to driver version 14.0.534.0

The raw driver files can be obtained by extracting the Smart Component and then extracting the Emulex installer. Use this command:

```
elxdrv-fc-version.exe /q2 extract=2
```



The extracted files are located:

C:\Users\Administrator\Documents\Emulex\Drivers\FC-version

Each kit folder has subsequent architecture folders with subsequent OS folders. For example,

C:\Users\Administrator\Documents\Emulex\Drivers\FC-version\x64\win2019

### **Supported Devices and Features**

This component is supported on following Emulex Fibre Channel Host Bus adapters:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter

---

## **HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022**

Version: 14.0.534.0 (c) (Recommended)

### **Prerequisites**

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

### **Enhancements**

Updated to driver version 14.0.534.0

The raw driver files can be obtained by extracting the Smart Component and then extracting the Emulex installer. Use this command:

```
elxdrv-fc-version.exe /q2 extract=2
```

The extracted files are located:

C:\Users\Administrator\Documents\Emulex\Drivers\FC-version

Each kit folder has subsequent architecture folders with subsequent OS folders. For example,

C:\Users\Administrator\Documents\Emulex\Drivers\FC-version\x64\win2019

### **Supported Devices and Features**

This component is supported on following Emulex Fibre Channel Host Bus adapters:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter

---

## **HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019**

Version: 9.4.6.20 (d) (Recommended)

### **Important Note!**

Release Notes: HPE QLogic Adapters Release Notes

### **Prerequisites**

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

### **Enhancements**

Updated to version 9.4.6.20

### **Supported Devices and Features**

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

- HPE SN1100Q 16Gb Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1100Q 16Gb Single Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

---

## **HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022**

Version: 9.4.6.20 (d) (Recommended)

### **Prerequisites**

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

### **Enhancements**

Updated to version 9.4.6.20

### **Supported Devices and Features**

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

- HPE SN1100Q 16Gb Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1100Q 16Gb Single Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

Version: 14.0.499.31 (Recommended)

### **Important Note!**

Release Notes:HPE Emulex Adapters Release Notes

### **Prerequisites**

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

### **Enhancements**

Updated to driver version 14.0.499.31

### **Supported Devices and Features**

This component is supported on following Emulex Fibre Channel Host Bus adapters:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter

- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter

Version: 10.02.07.01-K1 (Recommended)

### **Important Note!**

Release Notes:HPE QLogic Adapters Release Notes

NOTE:

1. The rpm base-name for the QLogic driver has been changed to "qlgc". Upgrades from the earlier "hpqlgc" driver are supported.

### **Prerequisites**

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

### **Enhancements**

Updated todriver version 10.02.07.01-k1

### **Supported Devices and Features**

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

- HPE SN1100Q 16Gb Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1100Q 16Gb Single Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

---

## **iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2016 and 2019**

Version: 4.7.1.0 (D) (Optional)

### **Important Note!**

Installing the iLO 5 Channel Interface Driver, version 4.1.0.0 or earlier, will overwrite this driver. To avoid the overwrite, use version 4.1.0.0(B) or later of the iLO 5 Channel Interface Driver.

### **Enhancements**

- Added supported\_platforms tag

---

## **iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2022**

Version: 4.7.1.0 (C) (Optional)

### **Important Note!**

Installing the iLO 5 Channel Interface Driver, version 4.1.0.0 or earlier, will overwrite this driver. To avoid the overwrite, use version 4.1.0.0(B) or later of the iLO 5 Channel Interface Driver.

### **Enhancements**

- Added supported\_platforms tag

---

## **iLO 5 Channel Interface Driver for Microsoft Windows Server 2016 and 2019**

Version: 4.7.1.0 (D) (Optional)

### **Enhancements**

- Added supported\_platforms tag

---

## **iLO 5 Channel Interface Driver for Microsoft Windows Server 2022**

Version: 4.7.1.0 (D) (Optional)

### **Enhancements**

- Added supported\_platforms tag

---

## **Matrox G200eH3 Video Controller Driver for Microsoft Windows 64-bit**

Version: 9.15.1.248 (D) (Optional)

### **Enhancements**

- Added Supported Platforms tag

---

## **Broadcom Firmware Package for BCM5741x adapters**

Version: 224.1.102.0 (Recommended)

### **Important Note!**

For Firmware installation, there is no OS and drivers dependency.

For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- Broadcom NetXtreme-E Driver for Microsoft Windows Server, version 224.0.159.0 or later
- HPE Broadcom NetXtreme-E Drivers for Linux, version 1.10.2-224.0.157.0 or later
- HPE Broadcom NetXtreme-E Drivers for VMware, version 2023.03.00 or later

### **Fixes**

- This product correct an issue which Fix incorrect reset reason for error recovery.
- This product correct an issue which Fix port ID in the odata.id of Port Redfish was always 0.
- This product correct an issue which Write to RDE Port Enabled property request was processed but the handler function was not called.
- This product correct an issue which Unsolicited LLDP shutdown PDU with blank information (including MAC address) was sent on a port where LLDP was disabled.(PDU = LLDP protocol data units)
- This product correct an issue which Firmware failed to NAK invalid TID values (Traffic Identifier )
- This product correct an issue which Firmware reset if there is pending nvram parameter changes.

### **Enhancements**

This product enhances to support for LLDP read/write RDE commands.

### **Supported Devices and Features**

This product supports the following network adapters:

---

## **Broadcom Firmware Package for BCM5750x adapters**

Version: 224.1.102.0 (Recommended)

### **Important Note!**

For Firmware installation, there is no OS and drivers dependency.

For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- Broadcom NetXtreme-E Driver for Microsoft Windows Server, version 224.0.159.0 or later
- HPE Broadcom NetXtreme-E Drivers for Linux, version 1.10.2-224.0.157.0 or later
- HPE Broadcom NetXtreme-E Drivers for VMware, version 2023.03.00 or later

### **Fixes**

- This product correct an issue which writing MAC addresses to the factory config could error out claiming corruption.
- This product correct an issue which not allow the user to configure the multi-function mode option with option value string.

### **Enhancements**

- This product enhances coredump support to dump cache contents.
- This product enhances Firmware command line module modularity
- This product enhances to add support for disabling Overflow detection for CQs (Completion Queues) of RoCE (RDMA over converged Ethernet )
- This product enhances FW support for QUIC key (Quick UDP Internet Connection) context backing store management
- This product enhances to add support for PCIe TPH (TLP Processing Hints)

### **Supported Devices and Features**

This product supports the following network adapters:

- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE

---

## **Broadcom NX1 Online Firmware Upgrade Utility for Linux x86\_64**

Version: 2.32.3 (Recommended)

### **Important Note!**

HPE recommends HPE Broadcom tg3 Ethernet Drivers, versions 3.139j or later, for use with this firmware.

### **Prerequisites**

This package requires the appropriate driver for your network adapter to be installed and all Ethernet ports brought up before firmware can be updated.

- Follow the command line to bring up ethernet device:

```
# ifup ethX or ifconfig ethX up or wicked ifup ethX
```

If local system doesn't configure any network interface for the adapter that are necessary then to create

the network config file to bring up interface.

- For example in sles15sp1, To create ifcfg-ethX files under /etc/sysconfig/network/

### **Fixes**

This product correct an issue which the Boot Code Version of the Firmware did not get updated after upgrading the Firmware.

### **Enhancements**

This product enhances the FW Library to support the second NVRAM type.

### **Supported Devices and Features**

This product supports the following network adapters:

- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE
- Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE

---

## **Broadcom NX1 Online Firmware Upgrade Utility for VMware**

Version: 1.33.2 (Recommended)

### **Important Note!**

This software package contains combo image v20.24.41 with the following firmware versions:

NIC	Boot Code Version	PXE Version	NCSI Version	UEFI Version	CCM Version
BCM 5719 1GbE 4p BASE-T Adptr	1.46	21.6.2	1.5.42	21.6.43	224.0.155.0
BCM 5719 1GbE 4p BASE-T OCP3 Adptr	1.46	21.6.2	1.5.42	21.6.43	224.0.155.0
BCM 5720 1GbE 2p BASE-T LOM Adptr	1.42	21.6.2	1.5.42	21.6.43	224.0.155.0

### **Prerequisites**

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

### **Fixes**

This product correct an issue which the Boot Code Version of the Firmware did not get updated after upgrading the Firmware.

### **Enhancements**

- This product enhances the FW Library to support the second NVRAM type.
- This product now supports ESXi8.0

### **Supported Devices and Features**

This product supports the following network adapters:

- Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE

- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE
- Broadcom BCM5719 Ethernet1Gb 4-port Base-T OCP3 Adapter for HPE

## Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions

Version: 5.3.3.0 (Recommended)

### **Important Note!**

HPE recommends Broadcom NX1 1Gb Driver for Windows Server x64 Editions, version 221.0.5.0 or later, for use with this firmware.

This software package contains combo image v20.24.41 with the following firmware versions:

NIC	Boot Code Version	PXE Version	NCSI Version	UEFI Version	CCM Version
BCM 5719 1GbE 4p BASE-T Adptr	1.46	21.6.2	1.5.42	21.6.43	224.0.155.0
BCM 5719 1GbE 4p BASE-T OCP3 Adptr	1.46	21.6.2	1.5.42	21.6.43	224.0.155.0
BCM 5720 1GbE 2p BASE-T LOM Adptr	1.42	21.6.2	1.5.42	21.6.43	224.0.155.0

### **Prerequisites**

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

### **Fixes**

This product correct an issue which the Boot Code Version of the Firmware did not get updated after upgrading the Firmware.

### **Enhancements**

This product enhances the FW Library to support the second NVRAM type.

### **Supported Devices and Features**

This product supports the following network adapters:

- Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T Adapter for HPE
- Broadcom BCM5719 Ethernet 1Gb 4-port Base-T OCP3 Adapter for HPE

## HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters

Version: 224.1.102000 (Recommended)

### **Important Note!**

For Firmware installation, there is no OS and drivers dependency.

For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- HPE Broadcom NetXtreme-E Drivers for Windows Server , version 224.0.159.0 or later

- HPE Broadcom NetXtreme-E Drivers for Linux, version 1.10.2-224.0.157.0 or later
- HPE Broadcom NetXtreme-E Drivers for VMware, version 2023.03.00 or later

### **Fixes**

- This product correct an issue which Fix incorrect reset reason for error recovery.
- This product correct an issue which Fix port ID in the odata.id of Port Redfish was always 0.
- This product correct an issue which Write to RDE Port Enabled property request was processed but the handler function was not called.
- This product correct an issue which Unsolicited LLDP shutdown PDU with blank information (including MAC address) was sent on a port where LLDP was disabled.(PDU = LLDP protocol data units)
- This product correct an issue which Firmware failed to NAK invalid TID values (Traffic Identifier )

### **Enhancements**

This product enhances to support for LLDP read/write RDE commands.

### **Supported Devices and Features**

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter
- HPE Ethernet 10Gb 2-port 535T Adapter
- HPE Ethernet 10Gb 2-port 535FLR-T Adapter
- HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter

---

## **HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86\_64**

Version: 2.32.3 (Recommended)

### **Important Note!**

HPE recommends HPE Broadcom tg3 Ethernet Drivers, versions 3.139j or later, for use with this firmware.

### **Prerequisites**

This package requires the appropriate driver for your network adapter to be installed and all Ethernet ports brought up before firmware can be updated.

- Follow the command line to bring up ethernet device:

```
# ifup ethX or ifconfig ethX up or wicked ifup ethX
```

If local system doesn't configure any network interface for the adapter that are necessary then to create the network config file to bring up interface.

- This product correct an issue which Firmware reset if there is pending nvram parameter changes
- HPE Ethernet 10Gb 2-port 537SFP+ Adapter

### **Fixes**

- For example in sles15sp1, To create ifcfg-ethX files under /etc/sysconfig/network/

This product correct an issue which the Boot Code Version of the Firmware did not get updated after upgrading the Firmware.



## **Enhancements**

This product enhances the FW Library to support the second NVRAM type.

## **Supported Devices and Features**

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 331i Adapter (22BE)
- HPE Ethernet 1Gb 4-port 331FLR Adapter
- HPE Ethernet 1Gb 4-port 331T Adapter
- HPE Ethernet 1Gb 2-port 332i Adapter (22E8)
- HPE Ethernet 1Gb 2-port 332T Adapter

---

## **HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware**

Version: 1.33.2 (Recommended)

## **Important Note!**

This software package contains combo image v20.24.41 with the following firmware versions:

NIC	Boot Code Version	PXE Version	NCSI Version	UEFI Version	CCM Version
HPE Ethernet 1Gb 4-port 331i Adapter (22BE) HPE Ethernet 1Gb 4-port 331FLR Adapter HPE Ethernet 1Gb 4-port 331T Adapter	1.46	21.6.2	1.5.42	21.6.43	224.0.155.0
HPE Ethernet 1Gb 2-port 332i Adapter (22E8) HPE Ethernet 1Gb 2-port 332T Adapter	1.42	21.6.2	1.5.42	21.6.43	224.0.155.0

## **Prerequisites**

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

## **Fixes**

This product correct an issue which the Boot Code Version of the Firmware did not get updated after upgrading the Firmware.

## **Enhancements**

- This product enhances the FW Library to support the second NVRAM type.
- This product now supports ESXi8.0

## **Supported Devices and Features**

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 331i Adapter (22BE)
- HPE Ethernet 1Gb 4-port 331FLR Adapter
- HPE Ethernet 1Gb 4-port 331T Adapter

- HPE Ethernet 1Gb 2-port 332i Adapter (22E8)
- HPE Ethernet 1Gb 2-port 332T Adapter

---

## HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions

Version: 5.3.3.0 (Recommended)

### **Important Note!**

HPE recommends HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions, version 221.0.5.0 or later, for use with this firmware.

This software package contains combo image v20.24.41 with the following firmware versions:

NIC	Boot Code Version	PXE Version	NCSI Version	UEFI Version	CCM Version
HPE Ethernet 1Gb 4-port 331i Adapter (22BE) HPE Ethernet 1Gb 4-port 331FLR Adapter HPE Ethernet 1Gb 4-port 331T Adapter	1.46	21.6.2	1.5.42	21.6.43	224.0.155.0
HPE Ethernet 1Gb 2-port 332i Adapter (22E8) HPE Ethernet 1Gb 2-port 332T Adapter	1.42	21.6.2	1.5.42	21.6.43	224.0.155.0

### **Prerequisites**

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

### **Fixes**

This product correct an issue which the Boot Code Version of the Firmware did not get updated after upgrading the Firmware.

### **Enhancements**

This product enhances the FW Library to support the second NVRAM type.

### **Supported Devices and Features**

This product supports the following network adapters:

- HPE Ethernet 1Gb 4-port 331i Adapter (22BE)
- HPE Ethernet 1Gb 4-port 331FLR Adapter
- HPE Ethernet 1Gb 4-port 331T Adapter
- HPE Ethernet 1Gb 2-port 332i Adapter (22E8)
- HPE Ethernet 1Gb 2-port 332T Adapter

---

## HPE Intel Online Firmware Upgrade Utility for Linux x86\_64

Version: 1.27.0 (Recommended)

### **Important Note!**

HPE recommends at least one of the following drivers, as appropriate for your device, for use with this firmware:

- HPE Intel igb Drivers for Linux, versions 6.12.3 or later
- HPE Intel ixgbe Drivers for Linux , versions 5.16.5-1 or later
- HPE Intel i40e Drivers for Linux, versions 2.20.12-1 or later

### **Prerequisites**

This package requires the appropriate driver for your network adapter to be installed and all Ethernet ports brought up before firmware can be updated.

- Follow the command line to bring up ethernet device:

```
# ifup ethX or ifconfig ethX up or wicked ifup ethX
```

If local system doesn't configure any network interface for the adapter that are necessary then to create the network config file to bring up interface.

- For example in sles15sp1, To create ifcfg-ethX files under /etc/sysconfig/network/

### **Fixes**

- This product addresses an issue where Option ROM version is missing with some Intel 1GB adapters
- This product addresses an issue where disconnection occurs after rebooting system with HPE Ethernet 1Gb 2-port 368i Adapter and HPE Ethernet 1Gb 4-port 369i Adapter

### **Supported Devices and Features**

This package supports the following network adapters:

- HPE Ethernet 1Gb 2-port 361i Adapter
- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter
- HPE Ethernet 1Gb 4-port 369i Adapter
- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562FLR-T Adapter
- HPE Ethernet 10Gb 2-port 562T Adapter

---

## **HPE Intel Online Firmware Upgrade Utility for VMware**

Version: 3.20.0 (Recommended)

### **Important Note!**

This software package contains the following firmware versions for the below listed supported network adapters:

NIC	EEPROM/NVM Version	OROM Version	Single NVM Version
HPE Ethernet 1Gb 2-port 361i Adapter	8000119A	1.3299.0	N/A

HPE Ethernet 1Gb 2-port 361T Adapter	80001147	1.3299.0	N/A
HPE Ethernet 1Gb 4-port 366FLR Adapter	800011A1	1.3299.0	N/A
HPE Ethernet 1Gb 4-port 366T Adapter	80001146	1.3299.0	N/A
HPE Ethernet 1Gb 4-port 369i Adapter	80003AC3	1.3299.0	N/A
1Gb 2-port 368i Adapter and HPE Ethernet 1Gb 4-port 369i Adapter	80003AC4	1.3299.0	N/A
HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	8000D072	1.3299.0	11.1.3
HPE Ethernet 10Gb 2-port 562FLR-T Adapter	800016F1	1.3299.0	10.55.3
HPE Ethernet 10Gb 2-port 562SFP+ Adapter	8000D073	1.3299.0	11.1.3
HPE Ethernet 10Gb 2-port 562T Adapter	800016EF	1.3299.0	10.55.3

The combo image v1.3299.0 includes: Boot Agent: 1GbE -v1.5.89, 10GbE -v2.4.45, 40GbE -v1.1.42 & UEFI Drivers: 1GbE -v9.8.15, 10GbE -v8.1.04, 40GbE -v4.9.38

The combo image v1.1375.0 includes: Boot Agent: 1GbE -v1.5.72, 10GbE -v2.3.46, 40GbE -v1.0.21 & UEFI Drivers: 1GbE -v6.9.13, 10GbE -v5.0.20, 40GbE -v1.5.14

Single NVM Version is new firmware format which represent an unified version in place of the previously used EEPROM/NVM Version or OROM version.

### **Prerequisites**

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

### **Fixes**

- This product addresses an issue where Option ROM version is missing with some Intel 1GB adapters
- This product addresses an issue where disconnection occurs after rebooting system with HPE Ethernet

### **Supported Devices and Features**

This package supports the following network adapters:

- HPE Ethernet 1Gb 2-port 361i Adapter
- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter
- HPE Ethernet 1Gb 4-port 369i Adapter
- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562FLR-T Adapter
- HPE Ethernet 10Gb 2-port 562T Adapter

---

## **HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions**

Version: 5.3.3.0 (Recommended)

### **Important Note!**

This software package contains the following firmware versions for the below listed supported network adapters:

NIC	EEPROM/NVM Version	OROM Version	Single NVM Version
HPE Ethernet 1Gb 2-port 361i Adapter	8000119A	1.3299.0	N/A
HPE Ethernet 1Gb 2-port 361T Adapter	80001147	1.3299.0	N/A
HPE Ethernet 1Gb 4-port 366FLR Adapter	800011A1	1.3299.0	N/A
HPE Ethernet 1Gb 4-port 366T Adapter	80001146	1.3299.0	N/A
HPE Ethernet 1Gb 4-port 369i Adapter	80003AC3	1.3299.0	N/A
1Gb 2-port 368i Adapter and HPE Ethernet 1Gb 4-port 369i Adapter	80003AC4	1.3299.0	N/A
HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	8000D072	1.3299.0	11.1.3
HPE Ethernet 10Gb 2-port 562FLR-T Adapter	800016F1	1.3299.0	10.55.3
HPE Ethernet 10Gb 2-port 562SFP+ Adapter	8000D073	1.3299.0	11.1.3
HPE Ethernet 10Gb 2-port 562T Adapter	800016EF	1.3299.0	10.55.3

The combo image v1.3299.0 includes: Boot Agent: 1GbE -v1.5.89, 10GbE -v2.4.45, 40GbE -v1.1.42 & UEFI Drivers: 1GbE -v9.8.15, 10GbE -v8.1.04, 40GbE -v4.9.38

The combo image v1.1375.0 includes: Boot Agent: 1GbE -v1.5.72, 10GbE -v2.3.46, 40GbE -v1.0.21 & UEFI Drivers: 1GbE -v6.9.13, 10GbE -v5.0.20, 40GbE -v1.5.14

Single NVM Version is new firmware format which represent an unified version in place of the previously used EEPROM/NVM Version or OROM version.

### **Prerequisites**

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

### **Fixes**

- This product addresses an issue where Option ROM version is missing with some Intel 1GB adapters
- This product addresses an issue where disconnection occurs after rebooting system with HPE Ethernet

### **Supported Devices and Features**

This package supports the following network adapters:

- HPE Ethernet 1Gb 2-port 361i Adapter
- HPE Ethernet 1Gb 2-port 361T Adapter
- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter
- HPE Ethernet 1Gb 4-port 369i Adapter
- HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 562FLR-T Adapter
- HPE Ethernet 10Gb 2-port 562T Adapter

---

## **HPE QLogic FastLinQ Firmware Package for Arrowhead adapters**

Version: 8.65.01 (Recommended)

### **Important Note!**

For Firmware installation, there is no OS and drivers dependency. For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- HPE QLogic FastLinQ 10/25/50 GbE Drivers for Linux, version 8.70.6.1-1 or later
- HPE QLogic FastLinQ 10/25/50 GbE Drivers for Microsoft Windows Server x64 Editions, version 8.70.9.0 or later
- HPE QLogic FastLinQ 10/25/50 GbE Multifunction Drivers for VMware, version 5.0.336.0 or later

### **Fixes**

This product addresses an issue where Max Number of Virtual Machine Queues/Physical Function shows zero value in AHS

### **Supported Devices and Features**

This product supports the following network adapters:

---

### **HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86\_64**

Version: 2.32.0 (Recommended)

### **Important Note!**

HPE recommends HPE QLogic NX2 10/20GbE Multifunction Drivers for Linux, versions 7.15.14-1 or later, for use with the firmware in this package.

### **Prerequisites**

This package requires the appropriate driver for your network adapter be installed on all Ethernet ports brought up (ifup ethX or ifconfig ethX up or wicked ifup ethX) before firmware can be updated.

If local system doesn't configure any network interface for the adapter that are necessary to create the network config file to bring up interface. - For example in sles15sp1, To create ifcfg-ethX files under /etc/sysconfig/network/.

### **Enhancements**

This product synchronizes FW Upgrade Utility version with VMware and Linux drivers.

### **Supported Devices and Features**

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 530SFP+ Adapter
- HPE Ethernet 10Gb 2-port 530T Adapter

---

### **HPE QLogic NX2 Online Firmware Upgrade Utility for VMware**

Version: 1.32.0 (Recommended)

### **Important Note!**

HPE recommends HPE QLogic NX2 10/20GbE Multifunction Drivers for VMware, versions 2022.09.0 or later, for use with this firmware.

This software package contains combo image v7.19.14 with the following firmware versions:

NIC	Boot Code Version	PXE Version	UEFI Version	iSCSI Version	FCoE Version	CCM Version	L2 Version
HPE Ethernet 10Gb 2-port 530SFP+ Adapter HPE Ethernet 10Gb 2-port 530T Adapter	7.16.13	7.14.13	8.9.3	n/a	n/a	7.14.4	7.12.25

### **Prerequisites**

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

### **Enhancements**

This product now supports VMware ESXi 8.0

### **Supported Devices and Features**

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 530SFP+ Adapter
- HPE Ethernet 10Gb 2-port 530T Adapter

---

## **HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions**

Version: 5.3.3.0 (Recommended)

### **Important Note!**

HPE recommends at least one of the following drivers, as appropriate for your device, for use with this firmware:

- HPE QLogic NX2 10/20GbE Multifunction Drivers for Windows Server x64 Editions, version 7.13.198.0 or later

This software package contains combo image v7.19.14 with the following firmware versions:

NIC	Boot Code Version	PXE Version	UEFI Version	iSCSI Version	FCoE Version	CCM Version	L2 Version
HPE Ethernet 10Gb 2-port 530SFP+ Adapter HPE Ethernet 10Gb 2-port 530T Adapter	7.16.13	7.14.13	8.9.3	n/a	n/a	7.14.4	7.12.25

The users will only see the combo image versions in the interactive mode firmware update or while using HPESUM/SPP to update the firmware on the supported adapters.

### **Prerequisites**

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

## **Enhancements**

### **Supported Devices and Features**

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 530SFP+ Adapter
- HPE Ethernet 10Gb 2-port 530T Adapter

---

### **Intel Firmware Package For E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter**

Version: 4.10 (Recommended)

### **Important Note!**

For Firmware installation, there is no OS and drivers dependency. For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- Intel icea Driver for Microsoft Windows Server, version 1.12.148.0 or later
- Intel ice Drivers for Linux, version 1.10.1.2-1 or later
- Intel icen Driver for VMware, version 2023.03.00 or later

This FW version does not support Port.Reset RDE metrics. This product will be enhanced to improve the functions in the future release

## **Enhancements**

- This product now supports RDE Read and Write operations.
- This product now supports Debug Dump feature.
- This product now supports new parameters when software requesting on Port 0 (via AQ the connectivity type)

### **Supported Devices and Features**

This product supports the following network adapters:

- Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE

---

### **Intel Firmware Package For E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter**

Version: 4.10 (Recommended)

### **Important Note!**

For Firmware installation, there is no OS and drivers dependency.

For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- Intel icea Driver for Microsoft Windows Server, version 1.12.148.0 or later
- Intel ice Drivers for Linux, version 1.10.1.2-1 or later
- Intel icen Driver for VMware, version 2023.03.00 or later

This FW version does not support Port.Reset RDE metrics. This product will be enhanced to improve the functions in the future release



### **Enhancements**

- This product now supports RDE Read and Write operations.
- This product now supports Debug Dump feature.
- This product now supports new parameters when software requesting on Port 0(via AQ the connectivity type)

### **Supported Devices and Features**

This product supports the following network adapters:

- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE

---

### **Intel Firmware Package For E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter**

Version: 4.10 (Recommended)

### **Important Note!**

For Firmware installation, there is no OS and drivers dependency. For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- Intel icea Driver for Microsoft Windows Server, version 1.12.148.0 or later
- Intel ice Drivers for Linux, version 1.10.1.2-1 or later
- Intel icen Driver for VMware, version 2023.03.00 or later

This FW version does not support Port.Reset RDE metrics. This product will be enhance to improve the functions in the future release

### **Enhancements**

- This product now supports RDE Read and Write operations.
- This product now supports Debug Dump feature.
- This product now supports new parameters when software requesting on Port 0(via AQ the connectivity type)

### **Supported Devices and Features**

This product supports the following network adapters:

- Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE

---

### **Intel Firmware Package For E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter**

Version: 4.10 (Recommended)

### **Important Note!**

For Firmware installation, there is no OS and drivers dependency. For Firmware compatibility during production, HPE recommends the drivers for use with the firmware Package product as below,

- Intel icea Driver for Microsoft Windows Server, version 1.12.148.0 or later
- Intel ice Drivers for Linux, version 1.10.1.2-1 or later
- Intel icen Driver for VMware, version 2023.03.00 or later

This FW version does not support Port.Reset RDE metrics. This product will be enhance to improve the functions in the future release

## **Enhancements**

- This product now supports RDE Read and Write operations.
- This product now supports Debug Dump feature.
- This product now supports new parameters when software requesting on Port 0(via AQ the connectivity type)

## **Supported Devices and Features**

This product supports the following network adapters:

- Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE

---

## **Intel Online Firmware Upgrade Utility for Linux x86\_64**

Version: 1.27.0 (Recommended)

## **Prerequisites**

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

## **Enhancements**

This product enhanced the compatibility with i350 and i40ea driver

## **Supported Devices and Features**

This package supports the following network adapters:

- Intel(R) I350 Gigabit Network Connection (2-port)
- Intel(R) I350 Gigabit Network Connection (4-port)
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter

---

## **Intel Online Firmware Upgrade Utility for VMware**

Version: 3.20.0 (Recommended)

## **Important Note!**

This software package contains the following firmware versions for the below listed supported network adapters:

NIC	EEPROM/NVM Version	OROM Version	NVM Version
HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	8000D017	1.3310.0	9.1
HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	8000D01F	1.3310.0	9.1
Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter	80001099	1.3310.0	N/A
Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter	80001199	1.3310.0	N/A
Intel(R) I350 Gigabit Network Connection (2-port)	8000119C	1.3310.0	N/A
Intel(R) I350 Gigabit Network Connection (4-port)	8000119D	1.3310.0	N/A

The combo image v1.3310.0 includes: Boot Agent: 1GbE -v1.5.89, 10GbE -v2.4.45, 40GbE -v1.1.42 & UEFI Drivers: 1GbE -v9.8.15, 10GbE -v8.1.04, 40GbE -v4.9.38

### **Prerequisites**

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

### **Enhancements**

This product enhanced the compatibility with igbn and i40en driver

### **Supported Devices and Features**

This package supports the following network adapters:

- Intel(R) I350 Gigabit Network Connection (2-port)
- Intel(R) I350 Gigabit Network Connection (4-port)
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter

---

### **Intel Online Firmware Upgrade Utility for Windows Server x64 Editions**

Version: 5.3.3.0 (Recommended)

### **Important Note!**

This software package contains the following firmware versions for the below listed supported network adapters:

NIC	EEPROM/NVM Version	OROM Version	NVM Version
HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	8000D017	1.3310.0	9.1
HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	8000D01F	1.3310.0	9.1
Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter	80001099	1.3310.0	N/A
Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter	80001199	1.3310.0	N/A
Intel(R) I350 Gigabit Network Connection (2-port)	8000119C	1.3310.0	N/A
Intel(R) I350 Gigabit Network Connection (4-port)	8000119D	1.3310.0	N/A

The combo image v1.3310.0 includes: Boot Agent: 1GbE -v1.5.89, 10GbE -v2.4.45, 40GbE -v1.1.42 & UEFI Drivers: 1GbE -v9.8.15, 10GbE -v8.1.04, 40GbE -v4.9.38

### **Prerequisites**

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

### **Enhancements**

This product enhanced the compatibility with igb driver v5.13.11 and i40e driver v2.21.12.

### **Supported Devices and Features**

This package supports the following network adapters:

- Intel(R) I350 Gigabit Network Connection (2-port)
- Intel(R) I350 Gigabit Network Connection (4-port)
- HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter

---

## Mellanox Firmware Package (FWPKG) - Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE

Version: 26.35.1012 (Recommended)

### **Important Note!**

Disclaimer: Certain software including drivers and documents may be available from NVIDIA. If you select a URL that directs you to <http://www.nvidia.com/>, you are then leaving HPE.com. Please follow the instructions on <http://www.nvidia.com/> to download NVIDIA software or documentation. When downloading the NVIDIA software or documentation, you may be subject to NVIDIA terms and conditions, including licensing terms, if any, provided on its website or otherwise. HPE is not responsible for your use of any software or documents that you download from <http://www.nvidia.com/>, except that HPE may provide a limited warranty for NVIDIA software in accordance with the terms and conditions of your purchase of the HPE product or solution. A list of known issues with this release is available at: <https://docs.nvidia.com/networking/display/ConnectX6LxFirmwarev26351012/Known+Issues>

### **Prerequisites**

FWPKG will work only if the firmware version flashed on the adapter is 20.27.1016 or later and iLO5 firmware version must be 2.30 or higher.

### **Fixes**

The following issues have been fixed in version 26.35.1012:

- The patch to the RDE LLDPEnable property in Port schema would not be updated after the host reboot.
- RDE (Redfish) PATCH operation to LLDPTransmit properties "ManagementAddressIPv4", "ManagementAddressIPv6" and "ManagementAddressMAC" were applied only in the first attempt, but failed in the next.
- PLDM AEN event receiver media was changed unexpectedly and destination BDF was overridden with garbage when some PLDM packet were received from the SMBus layer.
- PCIe SKPOS generation interval for Gen1 and Gen2.

### **Enhancements**

#### **New Features and Changes in Version 26.35.1012:**

- Added support for copy modify header steering action to/from the UDP field.
- Added the following resource dump segments:  
SEG\_HW\_STE\_FULL that includes dump to STE and all its dependencies  
SEG\_FW\_STE\_FULL that include dump to FW\_STE and to HW\_STE\_FULL in range
- As the software requires additional space before and after a packet is scattered for its processing for stridden RQ, the hardware will allocate the required room while scattering packets to spare a copy.
- QoS priority trust default state can now be changed using the new nvconfig below:

QOS\_TRUST\_STATE\_P1

QOS\_TRUST\_STATE\_P2

The values that can be used to set the default state are:

TRUST\_PORT

TRUST\_PCP  
TRUST\_DSCP  
TRUST\_DSCP\_PCP

### **Supported Devices and Features**

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
P42044-B21	Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	MT_0000000575

---

### **Mellanox Firmware Package (FWPKG) - Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE**

Version: 26.35.1012 (Recommended)

### **Important Note!**

Disclaimer: Certain software including drivers and documents may be available from NVIDIA. If you select a URL that directs you to <http://www.nvidia.com/>, you are then leaving HPE.com. Please follow the instructions on <http://www.nvidia.com/> to download NVIDIA software or documentation. When downloading the NVIDIA software or documentation, you may be subject to NVIDIA terms and conditions, including licensing terms, if any, provided on its website or otherwise. HPE is not responsible for your use of any software or documents that you download from <http://www.nvidia.com/>, except that HPE may provide a limited warranty for NVIDIA software in accordance with the terms and conditions of your purchase of the HPE product or solution. A list of known issues with this release is available at: <https://docs.nvidia.com/networking/display/ConnectX6LxFirmwarev26351012/Known+Issues>

### **Prerequisites**

FWPKG will work only if the firmware version flashed on the adapter is 20.27.1016 or later and iLO5 firmware version must be 2.30 or higher.

### **Fixes**

The following issues have been fixed in version 26.35.1012:

- The patch to the RDE LLDPEnable property in Port schema would not be updated after the host reboot.
- RDE (Redfish) PATCH operation to LLDPTransmit properties "ManagementAddressIPv4", "ManagementAddressIPv6" and "ManagementAddressMAC" were applied only in the first attempt, but failed in the next.
- PLDM AEN event receiver media was changed unexpectedly and destination BDF was overridden with garbage when some PLDM packet were received from the SMBus layer.
- PCIe SKP OS generation interval for Gen1 and Gen2.

### **Enhancements**

#### **New Features and Changes in Version 26.35.1012:**

- Added support for copy modify header steering action to/from the UDP field.

- Added the following resource dump segments:  
SEG\_HW\_STE\_FULL that includes dump to STE and all its dependencies  
SEG\_FW\_STE\_FULL that include dump to FW\_STE and to HW\_STE\_FULL in range
- As the software requires additional space before and after a packet is scattered for its processing for stridden RQ, the hardware will allocate the required room while scattering packets to spare a copy.
- QoS priority trust default state can now be changed using the new nvconfig below:

QOS\_TRUST\_STATE\_P1

QOS\_TRUST\_STATE\_P2

The values that can be used to set the default state are:

TRUST\_PORT

TRUST\_PCP

TRUST\_DSCP

TRUST\_DSCP\_PCP

### **Supported Devices and Features**

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
P42041-B21	Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	MT_0000000551

---

### **Mellanox Firmware Package (FWPKG) for Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE**

Version: 16.35.1012 (Recommended)

#### **Important Note!**

Disclaimer: Certain software including drivers and documents may be available from NVIDIA. If you select a URL that directs you to <http://www.nvidia.com/>, you are then leaving HPE.com. Please follow the instructions on <http://www.nvidia.com/> to download NVIDIA software or documentation. When downloading the NVIDIA software or documentation, you may be subject to NVIDIA terms and conditions, including licensing terms, if any, provided on its website or otherwise. HPE is not responsible for your use of any software or documents that you download from <http://www.nvidia.com/>, except that HPE may provide a limited warranty for NVIDIA software in accordance with the terms and conditions of your purchase of the HPE product or solution.

A list of known issues with this release is available at:

<https://docs.nvidia.com/networking/display/ConnectX5Firmwarev16351012/Known+Issues>

#### **Prerequisites**

FWPKG will work only if the firmware version flashed on the adapter is 16.27.1016 or later and iLO5 firmware version must be 2.30 or higher.

#### **Fixes**

The following issues have been fixed in version 16.35.1012:

- RDE (Redfish) PATCH operation to LLDPTransmit properties "ManagementAddressIPv4",

"ManagementAddressIPv6" and "ManagementAddressMAC" were applied only in the first attempt, but failed in the next.

- PLDM AEN event receiver media was changed unexpectedly and destination BDF was overridden with garbage when some PLDM packet were received from the SMBus layer.
- InfiniBand L2 QP could not receive RDMA traffic occasionally.
- Running with a debug firmware reduced security as if token was applied.

## **Enhancements**

Important : Security Hardening Enhancements -This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your device firmware to this version to improve the firmware security and reliability of your device.

New features and changes included in version 16.35.1012:

- Added support for copy modify header steering action to/from the UDP field.
- Enabled ADP timer to allow the user to configure RC or DC qp\_timeout values lower than 16.
- QoS priority trust default state can now be changed using the new nvconfig below:

QOS\_TRUST\_STATE\_P1

QOS\_TRUST\_STATE\_P2

The values that can be used to set the default state are:

TRUST\_PORT

TRUST\_PCP

TRUST\_DSCP

TRUST\_DSCP\_PCP

## **Supported Devices and Features**

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
P10112-B21	Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	MT_0000000241

---

## **Mellanox Firmware Package (FWPKG) for HPE Ethernet 100Gb 1-port QSFP28 PCIe3 x16 MCX515A-CCAT**

**Adapter : HPE part numbers P31246-B21 and P31246-H21**

Version: 16.35.1012 (Recommended)

### **Important Note!**

For PLDM enabled VPI (Virtual Protocol Interconnect) adapters supporting both InfiniBand mode and Ethernet modes, every firmware version is made available in two different formats at HPE.com:

1. HPE signed PLDM Firmware Package (.FWPKG filename extension) updatable via iLO.
2. Firmware binary (.bin filename extension) updatable via mstflint utility from the Operating System.

Choose the appropriate firmware file format based on your preference and what suits your environment.

Disclaimer: Certain software including drivers and documents may be available from NVIDIA. If you select a URL that directs you to <http://www.nvidia.com/>, you are then leaving HPE.com. Please follow the instructions on <http://www.nvidia.com/> to download NVIDIA software or documentation. When downloading the NVIDIA software or documentation, you may be subject to NVIDIA terms and conditions,

including licensing terms, if any, provided on its website or otherwise. HPE is not responsible for your use of any software or documents that you download from <http://www.nvidia.com/>, except that HPE may provide a limited warranty for NVIDIA software in accordance with the terms and conditions of your purchase of the HPE product or solution.

A list of known issues with this release is available at:

<https://docs.nvidia.com/networking/display/ConnectX5Firmwarev16351012/Known+Issues>

### **Prerequisites**

FWPKG will work only if the firmware version flashed on the adapter is 16.27.1016 or later and iLO5 firmware version must be 2.30 or higher.

### **Fixes**

The following issues have been fixed in version 16.35.1012:

- RDE (Redfish) PATCH operation to LLDPTransmit properties "ManagementAddressIPv4", "ManagementAddressIPv6" and "ManagementAddressMAC" were applied only in the first attempt, but failed in the next.
- PLDM AEN event receiver media was changed unexpectedly and destination BDF was overridden with garbage when some PLDM packet were received from the SMBus layer.
- InfiniBand L2 QP could not receive RDMA traffic occasionally.
- Running with a debug firmware reduced security as if token was applied.

### **Enhancements**

Important : Security Hardening Enhancements -This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your device firmware to this version to improve the firmware security and reliability of your device.

New features and changes included in version 16.35.1012:

- Added support for copy modify header steering action to/from the UDP field.
- Enabled ADP timer to allow the user to configure RC or DC qp\_timeout values lower than 16.
- QoS priority trust default state can now be changed using the new nvconfig below:

QOS\_TRUST\_STATE\_P1

QOS\_TRUST\_STATE\_P2

The values that can be used to set the default state are:

TRUST\_PORT

TRUST\_PCP

TRUST\_DSCP

TRUST\_DSCP\_PCP

### **Supported Devices and Features**

This software package contains the following firmware versions:

Mellanox Ethernet Only Adapters	Firmware Version	PSID
HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	16.35.1012	MT_0000000591



**Mellanox Firmware Package (FWPKG) for HPE InfiniBand HDR100/Ethernet 100Gb 2-port QSFP56 PCIe4 x16 MCX653106A-ECAT Adapter : HPE part numbers P23666-B21 and P23666-H21**

Version: 20.35.1012 (Recommended)

**Important Note!**

For PLDM enabled VPI (Virtual Protocol Interconnect) adapters supporting both InfiniBand mode and Ethernet modes, everyfirmware version is made available in two different formats at HPE.com: Choose the appropriate firmware file format based on your preference and what suits your environment. ConnectX-6 VPI supports having one port as InfiniBand and the other port as Ethernet according to the following matrix of combinations.

Port #2 - InfiniBand				
Port #1 - Ethernet	HDR/HDR100	EDR	FDR	QDR
50GbE	supported	not supported	not supported	supported
100GbE/25GbE	supported	not supported	not supported	supported
40GbE/10GbE	supported	not supported	not supported	supported
1GbE	supported	not supported	not supported	supported

Port #2 - Ethernet				
Port #1 - InfiniBand	50GbE	100GbE/25GbE	40GbE/10GbE	1GbE
HDR / HDR100	supported	supported	not supported	supported
EDR	supported	supported	not supported	supported
FDR	not supported	not supported	not supported	not supported
QDR/SDR	supported	supported	not supported	supported

Disclaimer: Certain software including drivers and documents may be available from NVIDIA. If you select a URL that directs you to <http://www.nvidia.com/>, you are then leaving HPE.com. Please follow the instructions on <http://www.nvidia.com/> to download NVIDIA software or documentation. When downloading the NVIDIA software or documentation, you may be subject to NVIDIA terms and conditions, including licensing terms, if any, provided on its website or otherwise. HPE is not responsible for your use of any software or documents that you download from <http://www.nvidia.com/>, except that HPE may provide a limited warranty for NVIDIA software in accordance with the terms and conditions of your purchase of the HPE product or solution.

A list of known issues with this release is available at:

<https://docs.nvidia.com/networking/display/ConnectX6Firmwarev20351012/Known+Issues>

**Prerequisites**

FWPKG will work only if the firmware version flashed on the adapter is 20.27.1016 or later and iLO5 firmware version must be 2.30 or higher.

**Fixes**

The following issues have been fixed in version 20.35.1012:

- RDE (Redfish) PATCH operation to LLDPTransmit properties "ManagementAddressIPv4",

"ManagementAddressIPv6" and "ManagementAddressMAC" were applied only in the first attempt, but failed in the next.

- TheRXT E2E inflight went into an unresponsive state occasionally.
- RDMA partition was reported even if NIC+RDMA mode was disabled.
- PLDM AEN event receiver media was changed unexpectedly and destination BDF was overridden with garbage when some PLDM packet werereceived from the SMBus layer.
- An incorrect address issue for XRQ Event Backend Controller Px Syndrome event in multi-host system during FLR.
- PCIe SKP OS generation interval issue for Gen1 and Gen2.
- InfiniBand L2 QP could not receive RDMA traffic occasionally.
- Running with a debug firmware reduced security as if token was applied.
- PLDM AEN event receiver was required to be cleared on PCIe reset in case the media type was MCTP over PCIe VDM.
- Asynchronous messages were sent over MTCP before endpoint discovery was done.

### **Enhancements**

Security Hardening Enhancements: This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your device's firmware to this release to improve the firmware security and reliability of your device.

New features and changes included in version 20.35.1012:

- Added support for copy modify header steering action to/from the UDP field.
- Enabled ADP timer to allow the user to configure RC or DC qp\_timeout values lower than 16.
- QoS priority trust default state can now be changed using the new nvconfig below:  
o Added support for using SetEventReceiver PLDM command with mode polling.

QOS\_TRUST\_STATE\_P1

QOS\_TRUST\_STATE\_P2

The values that can be used to set the default state are:

TRUST\_PORT

TRUST\_PCP

TRUST\_DSCP

TRUST\_DSCP\_PCP

### **Supported Devices and Features**

This software package contains the following firmware versions:

Mellanox InfiniBand Adapter	Firmware Version	PSID
HPE InfiniBand HDR100/Ethernet 100Gb 2-port QSFP56 PCIe4 x16 MCX653106A-ECAT Adapter	20.35.1012	MT_0000000453

---

## Mellanox Firmware Package (FWPKG) for Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE

Version: 22.35.1012 (Recommended)

### **Important Note!**

Disclaimer: Certain software including drivers and documents may be available from NVIDIA. If you select a URL that directs you to <http://www.nvidia.com/>, you are then leaving HPE.com. Please follow the instructions on <http://www.nvidia.com/> to download NVIDIA software or documentation. When downloading the NVIDIA software or documentation, you may be subject to NVIDIA terms and conditions, including licensing terms, if any, provided on its website or otherwise. HPE is not responsible for your use of any software or documents that you download from <http://www.nvidia.com/>, except that HPE may provide a limited warranty for NVIDIA software in accordance with the terms and conditions of your purchase of the HPE product or solution.

A list of known issues with this release is available at:

<https://docs.nvidia.com/networking/display/ConnectX6DxFirmwarev22351012/Known+Issues>

### **Prerequisites**

FWPKG will work only if the firmware version flashed on the adapter is 22.27.1016 or later and iLO5 firmware version must be 2.30 or higher.

### **Fixes**

The following issues have been fixed in version 22.35.1012:

- RDE (Redfish) PATCH operation to LLDPTransmit properties "ManagementAddressIPv4", "ManagementAddressIPv6" and "ManagementAddressMAC" were applied only in the first attempt, but failed in the next.
- Commands sent by the MLNX\_OFED driver to the NIC would fail when loading the VirtIO driver.
- A firmware limitation caused enabling tx\_port\_ts to result in syndrome 0x5d2974.
- PLDM AEN event receiver media was changed unexpectedly and destination BDF was overridden with garbage when some PLDM packet were received from the SMBus layer.
- PCIe SKP OS generation interval for Gen1 and Gen2.
- CPU handling synchronization required separation (run ptp4l with taskset -c [cpu #] prefix) while running heavy traffic.

### **Enhancements**

New features and changes included in version 22.35.1012:

- Improved both TP1a compliance and Physical-layer performance. TX and PLL settings were changed to comply with IEEE 802.3bs TP1a and improved link margins.
- Enabled the firmware to distribute loopback QPs/SQs between all LAG ports during the initial distribution in steering LAG.
- Changed theTx setting for optics HDR to improve compliance margins.
- HPCC related configurations are now supported via the mlxconfig utility.
- Added support for copy modify header steering action to/from the UDP field.
- Added support for range based lookup. This new capability is available using the following new PRM

command:

GENERATE WQE which receives GTA WQE, the command supports "match on range" and num\_hash\_definer=[1,2] and num\_match\_ste=[1,2]. For further information, refer to section "RTC Object Format" in the PRM.

- Added support for RoCE based VM migration.
- Added the following resource dump segments:  
SEG\_HW\_STE\_FULL that includes dump to STE and all its dependencies  
SEG\_FW\_STE\_FULL that include dump to FW\_STE and to HW\_STE\_FULL in range
- As the software requires additional space before and after a packet is scattered for its processing for stridden RQ, the hardware will allocate the required room while scattering packets to spare a copy.
- Improved security offload's Connections per Second (CPS) rate using the general object DEK (PSP TLS etc).
- Added support for pre-copy commands in VF migration flow in order to reduce the migration downtime.
- Optimized performance to support full VF migration flow.
- Increased the VirtIO hardware offload message rate to 20/20 MPPS for 256 virtual devices by optimizing the datapath application code.
- Enabled ADP timer to allow the user to configure RC or DC qp\_timeout values lower than 16.
- QoS priority trust default state can now be changed using the new nvconfig below:

QOS\_TRUST\_STATE\_P1

QOS\_TRUST\_STATE\_P2

The values that can be used to set the default state are:

TRUST\_PORT

TRUST\_PCP

TRUST\_DSCP

TRUST\_DSCP\_PCP

### **Supported Devices and Features**

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
P25960-B21	Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	MT_0000000437

---

### **Mellanox Firmware Package(FWPKG) for HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACHT Adapter**

Version: 16.35.1012 (Recommended)

### **Important Note!**

Disclaimer: Certain software including drivers and documents may be available from NVIDIA. If you select a URL that directs you to <https://www.nvidia.com/>, you are then leaving HPE.com. Please follow the instructions on <https://www.nvidia.com/> to download NVIDIA software or documentation. When downloading the NVIDIA software or documentation, you may be subject to NVIDIA terms and conditions, including licensing terms, if any, provided on its website or otherwise. HPE is not responsible for your use of any software or documents that you download from <https://www.nvidia.com/>, except that HPE may

provide a limited warranty for NVIDIA software in accordance with the terms and conditions of your purchase of the HPE product or solution. A list of known issues with this release is available at: <https://docs.nvidia.com/networking/display/ConnectX5Firmwarev16351012/Known+Issues>

### **Prerequisites**

FWPKG will work only if the firmware version flashed on the adapter is 16.27.1016 or later and iLO5 firmware version must be 2.30 or higher.

### **Fixes**

The following issues have been fixed in version 16.35.1012:

- RDE (Redfish) PATCH operation to LLDPTransmit properties "ManagementAddressIPv4", "ManagementAddressIPv6" and "ManagementAddressMAC" were applied only in the first attempt, but failed in the next.
- PLDM AEN event receiver media was changed unexpectedly and destination BDF was overridden with garbage when some PLDM packet were received from the SMBus layer.
- InfiniBand L2 QP could not receive RDMA traffic occasionally.
- Running with a debug firmware reduced security as if token was applied.

### **Enhancements**

Important : Security Hardening Enhancements -This release contains important reliability improvements and security hardening enhancements. HPE recommends upgrading your device firmware to this version to improve the firmware security and reliability of your device.

New features and changes included in version 16.35.1012:

- Added support for copy modify header steering action to/from the UDP field.
- Enabled ADPtimer to allow the user to configure RC or DC qp\_timeout values lower than 16.
- QoS priority trust default state can now be changed using the new nvconfig below:

QOS\_TRUST\_STATE\_P1

QOS\_TRUST\_STATE\_P2

The values that can be used to set the default state are:

TRUST\_PORT

TRUST\_PCP

TRUST\_DSCP

TRUST\_DSCP\_PCP

### **Supported Devices and Features**

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
P13188-B21	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACHT Adapter	MT_0000000416

---

### **Online Firmware Upgrade Utility (ESXi 7.0) for HPE Mellanox Ethernet only adapters**

Version: 1.0.6 (Recommended)

## **Important Note!**

The Firmware Upgrade Utility has been split into 2 packages for Mellanox Ethernet Only NIC adapters, ones supporting Synergy platforms and the other supporting ProLiant and Apollo platforms. This package supports Mellanox Ethernet Only NIC adapters on ProLiant and Apollo servers.

## **Prerequisites**

Use iLO5 firmware version 2.30 or higher with ConnectX4-Lx/ConnectX5 firmware version 14.32.1010/16.32.1010 (or later) respectively. Thermal sensor reporting on the adapter will not be functional with older versions of iLO5 firmware.

## **Fixes**

The following issues have been fixed in version 2.42.5044 :

- An issue that prevented the firmware from detecting a link\_down event thus preventing the IB bond interface from going to a failover mode.

The following issues have been fixed in version 14.32.1010:

- Firmware got into an unresponsive state and caused unexpected behavior when connecting an optical transceiver that support RxLOS and the remote side port was down.
- The system could not create more than 128K QPs.
- On rare occasions, the system got into an unresponsive state when a peer port went down while using an Optical module.
- Packet Pacing rate was used if asymmetric VFs was enabled.
- Incorrect RNR timeout when trying to set it during the rts2rts\_qp transition.
- Issue with RSS on IPSec flows in ConnectX-4 Lx led to performance degradation. In this scenario, the SPI optimization caused packets from a given host to hash to the same CPU core. The fix was to ignore SPI optimization according to l4\_type in ConnectX-4 Lx adapter cards.
- The GetInventory NC-SI command reported leading 0xf in firmware version when it started with 0.

The following issues have been fixed in version 16.35.1012:

- RDE (Redfish) PATCH operation to LLDPTransmit properties "ManagementAddressIPv4", "ManagementAddressIPv6" and "ManagementAddressMAC" were applied only in the first attempt, but failed in the next.
- PLDM AEN event receiver media was changed unexpectedly and destination BDF was overridden with garbage when some PLDM packet were received from the SMBus layer.
- InfiniBand L2 QP could not receive RDMA traffic occasionally.
- Running with a debug firmware reduced security as if token was applied.

## **Enhancements**

Firmware for the following devices has been updated to 14.32.1010:

- 817753-B21 (HPE Ethernet 25Gb 2-port 640SFP28 Adapter)

New features and changes included in version 14.32.1010:

- Added 3 new assert filters (Health buffer, NVlog, FW trace). The assert will be exposed now if its severity level is equal to or above the new filter.
- Enabled Rate Limit per VM instead of VM-TC. This capability is implemented by adding support to a new

Scheduling element type: rate limit elements that will connect to the rate\_limit and will share its rate limit.

- Added support for asymmetrical VFs per PF. To enable it:PF\_NUM\_OF\_VF\_VALID must be true, and PF\_NUM\_OF\_VF to a non-zero value.
- Limited the external loopback speed to the used module's capabilities.
- Improved linkup time when using the fast linkup capability.
- Added support for the slow\_restart and slow\_restart\_idle parameters to enable Zero Touch RoCE capability.

New features and changes included in version 16.35.1012:

- Added support for copy modify header steering action to/from the UDP field.
- Enabled ADP timer to allow the user to configure RC or DC qp\_timeout values lower than 16.
- QoS priority trust default state can now be changed using the new nvconfig below:
- QOS\_TRUST\_STATE\_P1
- QOS\_TRUST\_STATE\_P2

The values that can be used to set the default state are:

- TRUST\_PORT
- TRUST\_PCP
- TRUST\_DSCP
- TRUST\_DSCP\_PCP

### **Supported Devices and Features**

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
817753-B21	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	HP_2420110034

---

### **Online Firmware Upgrade Utility (ESXi 7.0) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 7.0**

Version: 1.0.5 (Recommended)

#### **Fixes**

Fixes in version 12.28.2006:

Fixes an issue that caused the DCR to be destroyed before the retry option managed to work when the retry timeout is too big. In this case the DCR' time-to-live was increased, and the maximum retry timeout was decreased.

- Increased PHY power consumption limit to 1.5w.
- Fixed an issue that caused PortCounters.PortRcvErr / PPCNT.infiniband\_counters.PortRcvErr not to report port icrc errors.

The following issues have been fixed in version 16.35.1012:

- RDE (Redfish) PATCH operation to LLDPTransmit properties "ManagementAddressIPv4", "ManagementAddressIPv6" and "ManagementAddressMAC" were applied only in the first attempt, but failed in the next.
- PLDM AEN event receiver media was changed unexpectedly and destination BDF was overridden with

garbage when some PLDM packet were received from the SMBus layer.

- InfiniBand L2 QP could not receive RDMA traffic occasionally.
- Running with a debug firmware reduced security as if token was applied.

**Enhancements**

Firmware for the following devices has been updated to 16.35.1012:

- 872726-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter)

**New Features and changes included in version 12.28.2006:**

- Increased the maximum XRQ number to 512.

New features and changes included in version 16.35.1012:

- Added support for copy modify header steering action to/from the UDP field.
- Enabled ADP timer to allow the user to configure RC or DC qp\_timeout values lower than 16.
- QoS priority trust default state can now be changed using the new nvconfig below:
- QOS\_TRUST\_STATE\_P1
- QOS\_TRUST\_STATE\_P2

The values that can be used to set the default state are:

- TRUST\_PORT
- TRUST\_PCP
- TRUST\_DSCP
- TRUST\_DSCP\_PCP

**Supported Devices and Features**

HPE Part Number	Device Name	PSID
872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	HPE0000000009

**Online Firmware Upgrade Utility (ESXi 7.0) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX6 devices on VMware ESXi 7.0**

Version: 1.0.5 (Recommended)

**Important Note!**

ConnectX-6 VPI supports having one port as InfiniBand and the other port as Ethernet according to the following matrix of combinations.

Port #2 - InfiniBand				
Port #1 - Ethernet	HDR/HDR100	EDR	FDR	QDR
200GbE/50GbE	supported	not supported	not supported	supported
100GbE/25GbE	supported	not supported	not supported	supported
40GbE/10GbE	supported	not supported	not supported	supported
1GbE	supported	not supported	not supported	supported



Port #2 - Ethernet				
Port #1 - InfiniBand	200GbE/50GbE	100GbE/25GbE	40GbE/10GbE	1GbE
HDR / HDR100	supported	supported	not supported	supported
EDR	supported	supported	not supported	supported
FDR	not supported	not supported	not supported	not supported
QDR/SDR	supported	supported	not supported	supported

### **Prerequisites**

Use iLO5 firmware version 2.30 or higher with ConnectX6 firmware version 20.32.1010. Thermal sensor reporting on the adapter will not be functional with older versions of iLO5 firmware.

### **Fixes**

The following issues have been fixed in version 20.35.1012:

- RDE (Redfish) PATCH operation to LLDPTransmit properties "ManagementAddressIPv4", "ManagementAddressIPv6" and "ManagementAddressMAC" were applied only in the first attempt, but failed in the next.
- The RXT E2E inflight went into an unresponsive state occasionally.
- RDMA partition was reported even if NIC+RDMA mode was disabled.
- PLDM AEN event receiver media was changed unexpectedly and destination BDF was overridden with garbage when some PLDM packet were received from the SMBus layer.
- An incorrect address issue for XRQ Event Backend Controller Px Syndrome event in multi-host system during FLR.
- PCIe SKP OS generation interval issue for Gen1 and Gen2.
- InfiniBand L2 QP could not receive RDMA traffic occasionally.
- Running with a debug firmware reduced security as if token was applied.
- PLDM AEN event receiver was required to be cleared on PCIe reset in case the media type was MCTP over PCIe VDM.
- Asynchronous messages were sent over MTCP before endpoint discovery was done.

### **Enhancements**

New features and changes included in version 20.35.1012:

- Added support for copy modify header steering action to/from the UDP field.
- Enabled ADP timer to allow the user to configure RC or DC qp\_timeout values lower than 16.
- QoS priority trust default state can now be changed using the new nvconfig below:
- QOS\_TRUST\_STATE\_P1
- QOS\_TRUST\_STATE\_P2

The values that can be used to set the default state are:

- TRUST\_PORT
- TRUST\_PCP
- TRUST\_DSCP
- TRUST\_DSCP\_PCP
- Added support for using SetEventReceiver PLDM command with mode polling.

---

## Online Firmware Upgrade Utility (Linux x86\_64) for HPE Mellanox Ethernet only adapters

Version: 1.0.19 (Recommended)

### **Important Note!**

The Firmware Upgrade Utility has been split into 2 packages for Mellanox Ethernet Only NIC adapters, one supporting Synergy platforms and the other supporting ProLiant and Apollo platforms. This package supports Mellanox Ethernet Only NIC adapters on ProLiant and Apollo servers.

### **Prerequisites**

Use iLO5 firmware version 2.30 or higher with ConnectX4-Lx/ConnectX5 firmware version 14.32.1010/16.32.1010 (or later) respectively. Thermal sensor reporting on the adapter will not be functional with older versions of iLO5 firmware.

### **Fixes**

The following issues have been fixed in version 2.42.5044 :

- An issue that prevented the firmware from detecting a link\_down event thus preventing the IB bond interface from going to a failover mode.

The following issues have been fixed in version 14.32.1010:

- Firmware got into an unresponsive state and caused unexpected behavior when connecting an optical transceiver that support RxLOS and the remote side port was down.
- The system could not create more than 128K QPs.
- On rare occasions, the system got into an unresponsive state when a peer port went down while using an Optical module.
- Packet Pacing rate was used if asymmetric VFs was enabled.
- Incorrect RNR timeout when trying to set it during the rts2rts\_qp transition.
- Issue with RSS on IPSec flows in ConnectX-4 Lx led to performance degradation. In this scenario, the SPI optimization caused packets from a given host to hash to the same CPU core. The fix was to ignore SPI optimization according to l4\_type in ConnectX-4 Lx adapter cards.
- The GetInventory NC-SI command reported leading 0xf in firmware version when it started with 0.

The following issues have been fixed in version 16.35.1012:

- RDE (Redfish) PATCH operation to LLDPTransmit properties "ManagementAddressIPv4", "ManagementAddressIPv6" and "ManagementAddressMAC" were applied only in the first attempt, but failed in the next.
- PLDM AEN event receiver media was changed unexpectedly and destination BDF was overridden with garbage when some PLDM packet were received from the SMBus layer.
- InfiniBand L2 QP could not receive RDMA traffic occasionally.
- Running with a debug firmware reduced security as if token was applied.

### **Enhancements**

Firmware for the following devices has been updated to 14.32.1010:

- 817749-B21 (HPE Ethernet 25Gb 2-port 640FLR-SFP28 Adapter)
- 817753-B21 (HPE Ethernet 25Gb 2-port 640SFP28 Adapter)

New features and changes included in version 14.32.1010:

- Added 3 new assert filters (Health buffer, NVlog, FW trace). The assert will be exposed now if its severity level is equal to or above the new filter.
- Enabled Rate Limit per VM instead of VM-TC. This capability is implemented by adding support to a new Scheduling element type: rate limit elements that will connect to the rate\_limit and will share its rate limit.
- Added support for asymmetrical VFs per PF. To enable it:PF\_NUM\_OF\_VF\_VALID must be true, and PF\_NUM\_OF\_VF to a non-zero value.
- Limited the external loopback speed to the used module's capabilities.
- Improved linkup time when using the fast linkup capability.
- Added support for the slow\_restart and slow\_restart\_idle parameters to enable Zero Touch RoCE capability.

New features and changes included in version 16.35.1012:

- Added support for copy modify header steering action to/from the UDP field.
- Enabled ADP timer to allow the user to configure RC or DC qp\_timeout values lower than 16.
- QoS priority trust default state can now be changed using the new nvconfig below:
- QOS\_TRUST\_STATE\_P1
- QOS\_TRUST\_STATE\_P2

The values that can be used to set the default state are:

- TRUST\_PORT
- TRUST\_PCP
- TRUST\_DSCP
- TRUST\_DSCP\_PCP

### **Supported Devices and Features**

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
817753-B21	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	HP_2420110034

---

### **Online Firmware Upgrade Utility (Linux x86\_64) for HPE Mellanox VPI (Ethernet and Infiniband mode)**

#### **ConnectX4 and ConnectX5 devices on Linux x86\_64 platform**

Version: 1.0.14 (Recommended)

#### **Fixes**

Fixes in version 12.28.2006:

Fixes an issue that caused the DCR to be destroyed before the retry option managed to work when the retry timeout is too big. In this case the DCR' time-to-live was increased, and the maximum retry timeout was decreased.

- Increased PHY power consumption limit to 1.5w.
- Fixed an issue that caused PortCounters.PortRcvErr / PPCNT.infiniband\_counters.PortRcvErr not to report port icrc errors.

The following issues have been fixed in version 16.35.1012:

- RDE (Redfish) PATCH operation to LLDPTransmit properties "ManagementAddressIPv4",

"ManagementAddressIPv6" and "ManagementAddressMAC" were applied only in the first attempt, but failed in the next.

- PLDM AEN event receiver media was changed unexpectedly and destination BDF was overridden with garbage when some PLDM packet were received from the SMBus layer.
- InfiniBand L2 QP could not receive RDMA traffic occasionally.
- Running with a debug firmware reduced security as if token was applied.

### **Enhancements**

Firmware for the following devices has been updated to 16.35.1012:

- 872726-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter)

### **New Features and changes included in version 12.28.2006:**

- Increased the maximum XRQ number to 512.

New features and changes included in version 16.35.1012:

- Added support for copy modify header steering action to/from the UDP field.
- Enabled ADP timer to allow the user to configure RC or DC qp\_timeout values lower than 16.
- QoS priority trust default state can now be changed using the new nvconfig below:
- QOS\_TRUST\_STATE\_P1
- QOS\_TRUST\_STATE\_P2

The values that can be used to set the default state are:

- TRUST\_PORT
- TRUST\_PCP
- TRUST\_DSCP
- TRUST\_DSCP\_PCP

### **Supported Devices and Features**

HPE Part Number	Device Name	PSID
872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	HPE0000000009

---

### **Online Firmware Upgrade Utility (Linux x86\_64) for HPE Mellanox VPI (Ethernet and Infiniband mode)**

#### **ConnectX6 devices on Linux x86\_64 platform**

Version: 1.0.10 (Recommended)

#### **Important Note!**

ConnectX-6 VPI supports having one port as InfiniBand and the other port as Ethernet according to the following matrix of combinations.

Port #2 - InfiniBand				
Port #1 - Ethernet	HDR/HDR100	EDR	FDR	QDR
200GbE/50GbE	supported	not supported	not supported	supported
100GbE/25GbE	supported	not supported	not supported	supported

40GbE/10GbE	supported	not supported	not supported	supported
1GbE	supported	not supported	not supported	supported

Port #2 - Ethernet				
Port #1 - InfiniBand	200GbE/50GbE	100GbE/25GbE	40GbE/10GbE	1GbE
HDR / HDR100	supported	supported	not supported	supported
EDR	supported	supported	not supported	supported
FDR	not supported	not supported	not supported	not supported
QDR/SDR	supported	supported	not supported	supported

### **Prerequisites**

Use iLO5 firmware version 2.30 or higher with ConnectX6 firmware version 20.32.1010. Thermal sensor reporting on the adapter will not be functional with older versions of iLO5 firmware.

### **Fixes**

The following issues have been fixed in version 20.35.1012:

- RDE (Redfish) PATCH operation to LLDPTransmit properties "ManagementAddressIPv4", "ManagementAddressIPv6" and "ManagementAddressMAC" were applied only in the first attempt, but failed in the next.
- The RXT E2E inflight went into an unresponsive state occasionally.
- RDMA partition was reported even if NIC+RDMA mode was disabled.
- PLDM AEN event receiver media was changed unexpectedly and destination BDF was overridden with garbage when some PLDM packet were received from the SMBus layer.
- An incorrect address issue for XRQ Event Backend Controller Px Syndrome event in multi-host system during FLR.
- PCIe SKP OS generation interval issue for Gen1 and Gen2.
- InfiniBand L2 QP could not receive RDMA traffic occasionally.
- Running with a debug firmware reduced security as if token was applied.
- PLDM AEN event receiver was required to be cleared on PCIe reset in case the media type was MCTP over PCIe VDM.
- Asynchronous messages were sent over MTCP before endpoint discovery was done.

### **Enhancements**

New features and changes included in version 20.35.1012:

- Added support for copy modify header steering action to/from the UDP field.
- Enabled ADP timer to allow the user to configure RC or DC qp\_timeout values lower than 16.
- QoS priority trust default state can now be changed using the new nvconfig below:
- QOS\_TRUST\_STATE\_P1
- QOS\_TRUST\_STATE\_P2

The values that can be used to set the default state are:

- TRUST\_PORT
- TRUST\_PCP

- TRUST\_DSCP
- TRUST\_DSCP\_PCP
- Added support for using SetEventReceiver PLDM command with mode polling.

---

## Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters

Version: 1.0.0.19 (Recommended)

### **Important Note!**

The Firmware Upgrade Utility has been split into 2 packages for Mellanox Ethernet Only NIC adapters, one supporting Synergy platforms and the other supporting ProLiant and Apollo platforms. This package supports Mellanox Ethernet Only NIC adapters on ProLiant and Apollo servers.

### **Prerequisites**

Use iLO5 firmware version 2.30 or higher with ConnectX4-Lx/ConnectX5 firmware version 14.32.1010/16.32.1010 (or later) respectively. Thermal sensor reporting on the adapter will not be functional with older versions of iLO5 firmware.

### **Fixes**

The following issues have been fixed in version 2.42.5044 :

- An issue that prevented the firmware from detecting a link\_down event thus preventing the IB bond interface from going to a failover mode.

The following issues have been fixed in version 14.32.1010:

- Firmware got into an unresponsive state and caused unexpected behavior when connecting an optical transceiver that support RxLOS and the remote side port was down.
- The system could not create more than 128K QPs.
- On rare occasions, the system got into an unresponsive state when a peer port went down while using an Optical module.
- Packet Pacing rate was used if asymmetric VFs was enabled.
- Incorrect RNR timeout when trying to set it during the rts2rts\_qp transition.
- Issue with RSS on IPSec flows in ConnectX-4 Lx led to performance degradation. In this scenario, the SPI optimization caused packets from a given host to hash to the same CPU core. The fix was to ignore SPI optimization according to l4\_type in ConnectX-4 Lx adapter cards.
- The GetInventory NC-SI command reported leading 0xf in firmware version when it started with 0.

The following issues have been fixed in version 16.35.1012:

- RDE (Redfish) PATCH operation to LLDPTransmit properties "ManagementAddressIPv4", "ManagementAddressIPv6" and "ManagementAddressMAC" were applied only in the first attempt, but failed in the next.
- PLDM AEN event receiver media was changed unexpectedly and destination BDF was overridden with garbage when some PLDM packet were received from the SMBus layer.
- InfiniBand L2 QP could not receive RDMA traffic occasionally.
- Running with a debug firmware reduced security as if token was applied.

## **Enhancements**

Firmware for the following devices has been updated to 14.32.1010:

- 817749-B21 (HPE Ethernet 25Gb 2-port 640FLR-SFP28 Adapter)
- 817753-B21 (HPE Ethernet 25Gb 2-port 640SFP28 Adapter)

New features and changes included in version 14.32.1010:

- Added 3 new assert filters (Health buffer, NVlog, FW trace). The assert will be exposed now if its severity level is equal to or above the new filter.
- Enabled Rate Limit per VM instead of VM-TC. This capability is implemented by adding support to a new Scheduling element type: rate limit elements that will connect to the rate\_limit and will share its rate limit.
- Added support for asymmetrical VFs per PF. To enable it:PF\_NUM\_OF\_VF\_VALID must be true, and PF\_NUM\_OF\_VF to a non-zero value.
- Limited the external loopback speed to the used module's capabilities.
- Improved linkup time when using the fast linkup capability.
- Added support for the slow\_restart and slow\_restart\_idle parameters to enable Zero Touch RoCE capability.

New features and changes included in version 16.35.1012:

- Added support for copy modify header steering action to/from the UDP field.
- Enabled ADP timer to allow the user to configure RC or DC qp\_timeout values lower than 16.
- QoS priority trust default state can now be changed using the new nvconfig below:
- QOS\_TRUST\_STATE\_P1
- QOS\_TRUST\_STATE\_P2

The values that can be used to set the default state are:

- TRUST\_PORT
- TRUST\_PCP
- TRUST\_DSCP
- TRUST\_DSCP\_PCP

## **Supported Devices and Features**

HPE Part Number	Mellanox Ethernet Only Adapters	PSID
817753-B21	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	HP_2420110034

---

## **Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Windows x86\_64 platform**

Version: 1.0.0.13 (Recommended)

## **Fixes**

Fixes in version 12.28.2006:

Fixes an issue that caused the DCR to be destroyed before the retry option managed to work when the retry timeout is too big. In this case the DCR' time-to-live was increased, and the maximum retry timeout was decreased.

- Increased PHY power consumption limit to 1.5w.
- Fixed an issue that caused PortCounters.PortRcvErr / PPCNT.infiniband\_counters.PortRcvErr not to report port icrc errors.

The following issues have been fixed in version 16.35.1012:

- RDE (Redfish) PATCH operation to LLDPTransmit properties "ManagementAddressIPv4", "ManagementAddressIPv6" and "ManagementAddressMAC" were applied only in the first attempt, but failed in the next.
- PLDM AEN event receiver media was changed unexpectedly and destination BDF was overridden with garbage when some PLDM packet were received from the SMBus layer.
- InfiniBand L2 QP could not receive RDMA traffic occasionally.
- Running with a debug firmware reduced security as if token was applied.

### **Enhancements**

Firmware for the following devices has been updated to 16.35.1012:

- 872726-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter)

### **New Features and changes included in version 12.28.2006:**

- Increased the maximum XRQ number to 512.

New features and changes included in version 16.35.1012:

- Added support for copy modify header steering action to/from the UDP field.
- Enabled ADP timer to allow the user to configure RC or DC qp\_timeout values lower than 16.
- QoS priority trust default state can now be changed using the new nvconfig below:
- QOS\_TRUST\_STATE\_P1
- QOS\_TRUST\_STATE\_P2

The values that can be used to set the default state are:

- TRUST\_PORT
- TRUST\_PCP
- TRUST\_DSCP
- TRUST\_DSCP\_PCP

### **Supported Devices and Features**

HPE Part Number	Device Name	PSID
872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	HPE0000000009

---

### **Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX6 devices on Windows x86\_64 platform**

Version: 1.0.0.7 (Recommended)

### **Important Note!**

ConnectX-6 VPI supports having one port as InfiniBand and the other port as Ethernet according to the following matrix of combinations.



Port #2 - InfiniBand				
Port #1 - Ethernet	HDR/HDR100	EDR	FDR	QDR
200GbE/50GbE	supported	not supported	not supported	supported
100GbE/25GbE	supported	not supported	not supported	supported
40GbE/10GbE	supported	not supported	not supported	supported
1GbE	supported	not supported	not supported	supported

Port #2 - Ethernet				
Port #1 - InfiniBand	200GbE/50GbE	100GbE/25GbE	40GbE/10GbE	1GbE
HDR / HDR100	supported	supported	not supported	supported
EDR	supported	supported	not supported	supported
FDR	not supported	not supported	not supported	not supported
QDR/SDR	supported	supported	not supported	supported

### **Prerequisites**

Use iLO5 firmware version 2.30 or higher with ConnectX6 firmware version 20.32.1010. Thermal sensor reporting on the adapter will not be functional with older versions of iLO5 firmware.

### **Fixes**

The following issues have been fixed in version 20.35.1012:

- RDE (Redfish) PATCH operation to LLDPTransmit properties "ManagementAddressIPv4", "ManagementAddressIPv6" and "ManagementAddressMAC" were applied only in the first attempt, but failed in the next.
- The RXT E2E inflight went into an unresponsive state occasionally.
- RDMA partition was reported even if NIC+RDMA mode was disabled.
- PLDM AEN event receiver media was changed unexpectedly and destination BDF was overridden with garbage when some PLDM packet were received from the SMBus layer.
- An incorrect address issue for XRQ Event Backend Controller Px Syndrome event in multi-host system during FLR.
- PCIe SKP OS generation interval issue for Gen1 and Gen2.
- InfiniBand L2 QP could not receive RDMA traffic occasionally.
- Running with a debug firmware reduced security as if token was applied.
- PLDM AEN event receiver was required to be cleared on PCIe reset in case the media type was MCTP over PCIe VDM.
- Asynchronous messages were sent over MTCP before endpoint discovery was done.

### **Enhancements**

New features and changes included in version 20.35.1012:

- Added support for copy modify header steering action to/from the UDP field.
- Enabled ADP timer to allow the user to configure RC or DC qp\_timeout values lower than 16.
- QoS priority trust default state can now be changed using the new nvconfig below:

- QOS\_TRUST\_STATE\_P1
- QOS\_TRUST\_STATE\_P2

The values that can be used to set the default state are:

- TRUST\_PORT
- TRUST\_PCP
- TRUST\_DSCP
- TRUST\_DSCP\_PCP
- Added support for using SetEventReceiver PLDM command with mode polling.

---

**Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives**

Version: HPK4 (I) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for RHEL 9.

---

**Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives**

Version: HPK4 (I) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for RHEL 9.

---

**Online NVMe SSD Flash Component for Linux (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives**

Version: HPK4 (I) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for RHEL 9.

---

**Online NVMe SSD Flash Component for Linux (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives**

Version: 4ICSHPK4 (F) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

**Enhancements**

- Added support for RHEL 9.

---

**Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives**

Version: GPK6 (Recommended)

**Fixes**

Fixes Get Endpoint ID (EID) command failure by issuing Set Endpoint ID after Endpoint Discovery

---

**Online NVMe SSD Flash Component for Linux (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives**

Version: GPK4 (Recommended)

**Fixes**

Fixes Get Endpoint ID (EID) command failure by issuing Set Endpoint ID after Endpoint Discovery

---

**Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives**

Version: GPK6 (Recommended)

**Fixes**

Fixes Get Endpoint ID (EID) command failure by issuing Set Endpoint ID after Endpoint Discovery

---

**Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives**

Version: HPK4 (I) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for RHEL 9.

---

**Online NVMe SSD Flash Component for Linux (x64) - MO001600KWVNB, MO003200KWVNC, MO006400KWVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives**

Version: HPK3 (F) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for RHEL 9.

---

**Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives**

Version: HPK5 (B) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Fixes**

- Fixed an incompatibility issue in MCTP over PCIe VDM functiono Updated WCTEMP value for thermal throttling threshold

---

**Online NVMe SSD Flash Component for Linux (x64) - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives**

Version: HPK3 (F) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for RHEL 9.

---

**Online NVMe SSD Flash Component for Linux (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives**

Version: HPK4 (I) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for RHEL 9.

---

**Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN Drives**

Version: 85032G00 (D) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for RHEL 9.

---

**Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives**

Version: HPK4 (I) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for VMware 8.0

---

**Online NVMe SSD Flash Component for VMware ESXi - MO001600KWZQP and MO003200KWZQQ Drives**

Version: HPK6 (C) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for VMware 8.0

---

**Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives**

Version: HPK4 (G) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for VMware 8.0

---

**Online NVMe SSD Flash Component for VMware ESXi - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives**

Version: HPK2 (C) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for VMware 8.0

---

**Online NVMe SSD Flash Component for VMware ESXi - VO000960KWUEA, VO001920KWUEB, VO003840KWUEC, VO007680KWUED, VO015360KWUEE, MO000800KWUDR, MO001600KWUDT, MO003200KWUDU and MO006400KWUDV Drives**

Version: HPK2 (B) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for VMware 8.0

---

**Online NVMe SSD Flash Component for VMware ESXi - VO000960KWVBR, VO001920KWVBT and VO003840KWVBU Drives**

Version: HPK2 (B) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for VMware 8.0

---

**Online NVMe SSD Flash Component for VMware ESXi - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives**

Version: HPK3 (D) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for VMware 8.0

---

**Online NVMe SSD Flash Component for VMware ESXi - VO001920KWZQR and VO003840KWZQT Drives**

Version: HPK6 (C) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for VMware 8.0

---

**Online NVMe SSD Flash Component for VMware ESXi - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives**

Version: HPK4 (G) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for VMware 8.0

---

**Online NVMe SSD Flash Component for VMware ESXi - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives**

Version: 4ICSHPK4 (D) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for VMware 8.0

---

**Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives**

Version: GPK6 (Recommended)

**Fixes****Fixes Get Endpoint ID (EID) command failure by issuing Set Endpoint ID after Endpoint Discovery**

---

**Online NVMe SSD Flash Component for VMware ESXi - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives**

Version: GPK4 (Recommended)

### Fixes

Fixes Get Endpoint ID (EID) command failure by issuing Set Endpoint ID after Endpoint Discovery

---

### **Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives**

Version: GPK6 (Recommended)

### Fixes

Fixes Get Endpoint ID (EID) command failure by issuing Set Endpoint ID after Endpoint Discovery

---

### **Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives**

Version: HPK4 (G) (Recommended)

### Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### Enhancements

- Added support for VMware 8.0
- 

### **Online NVMe SSD Flash Component for VMware ESXi - MO001600KWVNB, MO003200KWVNC, MO006400KWVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives**

Version: HPK3 (D) (Recommended)

### Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### Enhancements

- Added support for VMware 8.0
- 

### **Online NVMe SSD Flash Component for VMware ESXi - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives**

Version: EPK76H3Q (C) (Recommended)

### Important Note!

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### Enhancements

- Added support for VMware 8.0



---

**Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives**

Version: HPK5 (Recommended)

**Fixes**

- Fixed an incompatibility issue in MCTP over PCIe VDM functiono Updated WCTEMP value for thermal throttling threshold

---

**Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives**

Version: 4ICDHPK1 (D) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for VMware 8.0

---

**Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives**

Version: 4ICRHPK3 (D) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for VMware 8.0

---

**Online NVMe SSD Flash Component for VMware ESXi - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives**

Version: HPK4 (G) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for VMware 8.0

---

**Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWXFP and VS003840KWXFQ Drives**

Version: 85032G00 (B) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for VMware 8.0
- 

**Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives**

Version: HPK4 (F) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for Microsoft Server Windows 2022
- 

**Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives**

Version: HPK4 (F) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for Microsoft Server Windows 2022.
- 

**Online NVMe SSD Flash Component for Windows (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives**

Version: HPK4 (F) (Recommended)

**Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for Microsoft Server Windows 2022.
- 

**Online NVMe SSD Flash Component for Windows (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives**

Version: 4ICSHPK4 (D) (Recommended)

### **Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives**

Version: GPK6 (Recommended)

### **Fixes**

Fixes Get Endpoint ID (EID) command failure by issuing Set Endpoint ID after Endpoint Discovery

---

### **Online NVMe SSD Flash Component for Windows (x64) - KCM6FRUL1T92, KCM6FRUL3T84, KCM6FVUL1T60 and KCM6FVUL3T20 Drives**

Version: GPK4 (Recommended)

### **Fixes**

Fixes Get Endpoint ID (EID) command failure by issuing Set Endpoint ID after Endpoint Discovery

---

### **Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives**

Version: GPK6 (Recommended)

### **Fixes**

Fixes Get Endpoint ID (EID) command failure by issuing Set Endpoint ID after Endpoint Discovery

---

### **Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives**

Version: HPK4 (F) (Recommended)

### **Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

### **Online NVMe SSD Flash Component for Windows (x64) - MO001600KWVNB, MO003200KWVNC, MO006400KWVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives**

Version: HPK3 (D) (Recommended)

### **Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives**

Version: HPK5 (B) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Fixes**

- Fixed an incompatibility issue in MCTP over PCIe VDM function
- Updated WCTEMP value for thermal throttling threshold

---

### **Online NVMe SSD Flash Component for Windows (x64) - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives**

Version: HPK3 (D) (Recommended)

### **Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online NVMe SSD Flash Component for Windows (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives**

Version: HPK4 (F) (Recommended)

### **Important Note!**

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

## **Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN drives**

Version: 85032G00 (C) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Fixes**

- Implements FW-based VPD.
- ARP setting is changed from “Capable & Discoverable” to “Fixed & Discoverable” .
- A minor tweak to the Foreground Media Scan (FMS) algorithm to ensure critical variables are initialized properly.

---

## **Online HDD/SSD Flash Component for Linux (x64) - EG000300JWBHR Drive**

Version: HPD5 (E) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for RHEL 9.

---

## **Online HDD/SSD Flash Component for Linux (x64) - EG000300JWFVB Drive**

Version: HPD3 (E) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

#### **Enhancements**

- Added support for RHEL 9.

---

#### **Online HDD/SSD Flash Component for Linux (x64) - EG000600JWEBH and EG000300JWEBF Drives**

Version: HPD5 (F) (Recommended)

#### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

#### **Enhancements**

- Added support for RHEL 9.

---

#### **Online HDD/SSD Flash Component for Linux (x64) - EG000600JWFUV and EG001200JWFVA Drives**

Version: HPD4 (E) (Recommended)

#### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

#### **Enhancements**

- Added support for RHEL 9.

---

#### **Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives**

Version: HPD8 (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

### **Fixes**

Fixes the Power Coordination algorithm which ensures the drive will properly negotiate power with SPL-2 and newer compliant controllers.

---

### **Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives**

Version: HPDA (B) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

### **Fixes**

Fixes the Power Coordination algorithm which ensures the drive will properly negotiate power with SPL-2 and newer compliant controllers.

---

### **Online HDD/SSD Flash Component for Linux (x64) - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives**

Version: HPD8 (E) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

**Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives**

Version: HPD2 (I) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for RHEL 9.

---

**Online HDD/SSD Flash Component for Linux (x64) - MB002000JWFVN and MB004000JWFVP Drives**

Version: HPD4 (F) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for RHEL 9.

---

**Online HDD/SSD Flash Component for Linux (x64) - MB004000JWFVK and MB006000JWFVL Drives**

Version: HPD4 (E) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.



## **Enhancements**

- Added support for RHEL 9.

---

## **Online HDD/SSD Flash Component for Linux (x64) - MB6000JVYZD and MB4000JVYZC Drives**

Version: HPD4 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for RHEL 9.

---

## **Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives**

Version: HPD3 (F) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for RHEL 9.

---

## **Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTL, VO003840JWTLN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA and EO001600JWTLCB Drives**

Version: HPD9 (E) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running

supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives**

Version: HPD5 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - EG001800JWFVC Drive**

Version: HPD4 (E) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNL and EG002400JWJNN Drives**

Version: HPD5 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSPL and EG0900FCSPN Drives**

Version: HPD2 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives**

Version: HPD5 (L) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

## Online HDD/SSD Flash Component for Linux (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives

Version: HPD6 (L) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

## Online HDD/SSD Flash Component for Linux (x64) - EG1800JEHMD Drive

Version: HPD6 (L) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

## Online HDD/SSD Flash Component for Linux (x64) - EG1800JEMDB Drive

Version: HPD5 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - EG1800JFHMH Drive**

Version: HPD8 (E) (Recommended)

#### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - EH000600JWCPF and EH000900JWCPH Drives**

Version: HPDB (B) (Recommended)

#### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

## **Fixes**

### **Fixes the Power Coordination algorithm which ensures the drive will properly negotiate power with SPL-2 and newer compliant controllers.**

---

### **Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPK and EH000600JWHPH Drives**

Version: HPD8 (B) (Recommended)

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Fixes**

- Provides proactive protection against contamination built up on the media and air-bearing surface of the heads by increased routine “sweeping” of the media surface.

---

## **Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives**

Version: HPD8 (B) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Fixes**

- Provides proactive protection against contamination built up on the media and air-bearing surface of the heads by increased routine “sweeping” of the media surface.

---

## **Online HDD/SSD Flash Component for Linux (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives**

Version: HPD5 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for RHEL 9.

---

## **Online HDD/SSD Flash Component for Linux (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives**

Version: HPD6 (L) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running

supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives**

Version: HPD4 (L) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB004000JWKGU Drive**

Version: HPD2 (E) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB004000JWWQB and MB002000JWWQA Drives**

Version: HPD8 (C) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM)

mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Fixes**

Fixes an issue in previous version where the Inquiry model number is reported incorrectly for first few seconds after the drive is powered on. Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB006000JWKG N Drive**

Version: HPD2 (E) (Recommended)

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB008000JWR T D Drive**

Version: HPD2 (F) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.



---

## Online HDD/SSD Flash Component for Linux (x64) - MB008000JWWQP and MB006000JWWQN Drives

Version: HPD8 (C) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Fixes**

Fixes an issue in previous version where the Inquiry model number is reported incorrectly for first few seconds after the drive is powered on. Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

---

## Online HDD/SSD Flash Component for Linux (x64) - MB010000JWAYK and MB008000JWAYH Drives

Version: HPD6 (E) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

## Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives

Version: HPD4 (B) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Fixes**

- Addresses a hot plug reporting concern
- Increased the buffer memory size used for sequential write data to resolve performance degradation seen in a RAID60 configuration. Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB012000JWDFD Drive**

Version: HPD3 (F) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives**

Version: HPD2 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB014000JWUDB Drive**

Version: HPD3 (F) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB016000JWXKH Drive**

Version: HPDA (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

### **Fixes**

- Several maintenance items are included in this firmware revision that reduce the probability of hangs and provide some minor performance improvements.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB016000JXLBA and MB018000JXLAU Drives**

Version: HPD2 (E) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

## Online HDD/SSD Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives

Version: HPD3 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

## Online HDD/SSD Flash Component for Linux (x64) - MB2000JFDSL and MB4000JFDSN Drives

Version: HPD4 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

## Online HDD/SSD Flash Component for Linux (x64) - MB2000JFEPA and MB4000JFEPB Drives

Version: HPD5 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for RHEL 9.

---

## **Online HDD/SSD Flash Component for Linux (x64) - MB4000JEFNC and MB6000JEFND Drives**

Version: HPD9 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for RHEL 9.

---

## **Online HDD/SSD Flash Component for Linux (x64) - MB4000JEQNL and MB6000JEQNN Drives**

Version: HPDB (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for RHEL 9.

---

## **Online HDD/SSD Flash Component for Linux (x64) - MB4000JEXYA and MB6000JEXYB Drives**

Version: HPD9 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C)

(D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

## **Online HDD/SSD Flash Component for Linux (x64) - MB6000JEQUV and MB8000JEQVA Drives**

Version: HPDB (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

## **Online HDD/SSD Flash Component for Linux (x64) - MB6000JVYYV Drive**

Version: HPD2 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

## **Online HDD/SSD Flash Component for Linux (x64) - MB8000JFECQ Drive**

Version: HPD7 (J) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an

offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

**Online HDD/SSD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV**

### **Drives**

Version: HPD5 (H) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

**Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN** Drives

Version: HPD1 (E) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

**Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JFPB, MO1600JEFPC, EO0200JEPD, EO0400JEFPE and EO0800JEPF Drives**

Version: HPD3 (K) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for RHEL 9.

---

**Online HDD/SSD Flash Component for Linux (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives**

Version: HPD9 (G) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for RHEL 9.

---

**Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives**

Version: HPD4 (E) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C)



(D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives**

Version: HPD4 (F) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives**

Version: HPD7 (B) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Fixes**

- Reduced the occurrence probability of PMIC busy issue by stopping PLP capacity check to reduce i2c access to PMIC.

---

### **Online HDD/SSD Flash Component for Linux (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives**

Version: HPD9 (G) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - VO1920JEUQQ Drive**

Version: HPD3 (K) (Recommended)

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Important Note!**

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for VMware ESXi - EG000300JWBHR Drive**

Version: HPD5 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

## Online HDD/SSD Flash Component for VMware ESXi - EG000300JWFVB Drive

Version: HPD3 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

### **Enhancements**

- Added support for VMware 8.0

---

## Online HDD/SSD Flash Component for VMware ESXi - EG000600JWEBH and EG000300JWEBF Drives

Version: HPD5 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

## Online HDD/SSD Flash Component for VMware ESXi - EG000600JWFUV and EG001200JWFVA Drives

Version: HPD4 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C)

(D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives**

Version: HPD8 (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

### **Fixes**

Fixes the Power Coordination algorithm which ensures the drive will properly negotiate power with SPL-2 and newer compliant controllers.

---

### **Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives**

Version: HPDA (B) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

### **Fixes**

Fixes the Power Coordination algorithm which ensures the drive will properly negotiate power with SPL-2 and newer compliant controllers.

---

### **Online HDD/SSD Flash Component for VMware ESXi - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives**

Version: HPD8 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc. Added support for VMware 8.0

### **Enhancements**

- Added support for VMware 8.0

### **Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPK and EH000600JWHPH Drives**

Version: HPD8 (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

### **Fixes**

- Provides proactive protection against contamination built up on the media and air-bearing surface of the heads by increased routine “sweeping” of the media surface.

### **Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives**

Version: HPD8 (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

### **Fixes**

- Provides proactive protection against contamination built up on the media and air-bearing surface of the heads by increased routine “sweeping” of the media surface.

### **Online HDD/SSD Flash Component for VMware ESXi - EH0600JDYTN Drive**

Version: HPD7 (J) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc. Added support for VMware 8.0

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives**

Version: HPD2 (H) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc. Added support for VMware 8.0

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCQ, EO001600PXDCB, MO000800PXDBP, MO001600PXDCD, MO003200PXDCD, MO006400PXDCD, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives**

Version: HPD3 (C) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc. Added support for VMware 8.0

## **Enhancements**

- Added support for VMware 8.0

---

## **Online HDD/SSD Flash Component for VMware ESXi - MB002000JWFVN and MB004000JWFVP Drives**

Version: HPD4 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc. Added support for VMware 8.0

## **Enhancements**

- Added support for VMware 8.0

---

## **Online HDD/SSD Flash Component for VMware ESXi - MB002000JYDNE and MB004000JYDPB Drives**

Version: HPD2 (C) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc. Added support for VMware 8.0

## **Enhancements**

- Added support for VMware 8.0

---

## **Online HDD/SSD Flash Component for VMware ESXi - MB004000JWFVK and MB006000JWFVL Drives**

Version: HPD4 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C)

(D) etco Added support for VMware 8.0

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB006000JYDNF and MB008000JYDPC Drives**

Version: HPD2 (C) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etco Added support for VMware 8.0

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB010000GWZGT, MB012000GWZGU, MB014000GWZGV and MB016000GWZHD Drives**

Version: HPG1 (C) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB010000GYDKP, MB012000GYCJL, MB014000GYCJT, MB016000GYDKQ and MB018000GYDKR Drives**

Version: HPG1 (B) (Recommended)



### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version donot need to update to sub version like (B) (C) (D) etc..

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives**

Version: HPD4 (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

### **Fixes**

- Addresses a hot plug reporting concern
- Increased the buffer memory size used for sequential write data to resolve performance degradation seen in a RAID60 configuration  
Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB012000JWDFD Drive**

Version: HPD3 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an

offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB2000JFEML and MB4000JFEMN Drives**

Version: HPD6 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB4000JEQNL and MB6000JEQNN Drives**

Version: HPDB (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB6000JEQUV and MB8000JEQVA Drives**

Version: HPDB (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB6000JVYZD and MB4000JVYZC Drives**

Version: HPD4 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MM1000JEFRB and MM2000JEFRC Drives**

Version: HPDA (B) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for VMware 8.0

---

## **Online HDD/SSD Flash Component for VMware ESXi - MM1000JFJTH Drive**

Version: HPD5 (B) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for VMware 8.0

---

## **Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives**

Version: HPD3 (E) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for VMware 8.0

---

## **Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTL, VO003840JWTLN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA, EO001600JWTLCB Drives**

Version: HPD9 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives**

Version: HPD2 (C) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives**

Version: HPD5 (C) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C)

(D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - EG001800JWFVC Drive**

Version: HPD4 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNL and EG002400JWJNN Drives**

Version: HPD5 (C) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - EG0300FCSPH, EG0450FCSPK, EG0600FC SPL and EG0900FCSPN Drives**

Version: HPD2 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM)

mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives**

Version: HPD5 (L) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives**

Version: HPD6 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offlinefirmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for VMware 8.0

---

## **Online HDD/SSD Flash Component for VMware ESXi - EG1800JEHMD Drive**

Version: HPD6 (L) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for VMware 8.0

---

## **Online HDD/SSD Flash Component for VMware ESXi - EG1800JEMDB Drive**

Version: HPD5 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for VMware 8.0

---

## **Online HDD/SSD Flash Component for VMware ESXi - EG1800JFHMH Drive**

Version: HPD8 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running



supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - EH000600JWCPF and EH000900JWCPH Drives**

Version: HPDB (B) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

### **Fixes**

Fixes the Power Coordination algorithm which ensures the drive will properly negotiate power with SPL-2 and newer compliant controllers.

---

### **Online HDD/SSD Flash Component for VMware ESXi - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives**

Version: HPD5 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives**

Version: HPD6 (L) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives**

Version: HPD4 (L) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives**

Version: HPD7 (F) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB004000JWKGU Drive**

Version: HPD2 (D) (Recommended)

#### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB004000JWWQB and MB002000JWWQA Drives**

Version: HPD8 (Recommended)

#### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

## **Fixes**

Fixes an issue in previous version where the Inquiry model number is reported incorrectly for first few seconds after the drive is powered on

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB006000JWKGN Drive**

Version: HPD2 (D) (Recommended)

#### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an

offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB008000JWJRQ and MB006000JWJRP Drives**

Version: HPD9 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc..

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB008000JWRTD Drive**

Version: HPD2 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB008000JWWQP and MB006000JWWQN Drives**

Version: HPD8 (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

### **Fixes**

Fixes an issue in previous version where the Inquiry model number is reported incorrectly for first few seconds after the drive is powered on. Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB010000JWAYK and MB008000JWAYH Drives**

Version: HPD6 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB014000JWTFD and MB012000JWTFC Drives**

Version: HPD8 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB014000JWUDB Drive**

Version: HPD3 (D) (Recommended)

#### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB016000JWXKH Drive**

Version: HPDA (Recommended)

#### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

#### **Fixes**

- This firmware revision improves data integrity and reliability by optimizing adjacent track refresh parameters and management of emergency power loss table structure.
- The risk of not upgrading to this firmware is the increased possibility of data corruption in emergency power loss events.
- Several maintenance items are included in this firmware revision that reduce the probability of hangs and provide some minor performance improvements.

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB016000JXLBA and MB018000JXLAU Drives**

Version: HPD2 (C) (Recommended)

#### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM)

mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives**

Version: HPD3 (H) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB2000JFDSL and MB4000JFDSN Drives**

Version: HPD4 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

## Online HDD/SSD Flash Component for VMware ESXi - MB2000JFEPA and MB4000JFEPB Drives

Version: HPD5 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

## Online HDD/SSD Flash Component for VMware ESXi - MB4000JEFNC and MB6000JEFND Drives

Version: HPD9 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

## Online HDD/SSD Flash Component for VMware ESXi - MB4000JEXYA and MB6000JEXYB Drives

Version: HPD9 (H) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.



(D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB6000JVYYV Drive**

Version: HPD2 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB8000JFECQ Drive**

Version: HPD7 (J) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives**

Version: HPD5 (H) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFB, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFB, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives**

Version: HPD1 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives**

Version: HPD3 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives**

Version: HPD9 (F) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives**

Version: HPD8 (G) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives**

Version: HPD4 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives**

Version: HPD8 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives**

Version: HPD4 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C)

(D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives**

Version: HPD4 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives**

Version: HPD7 (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

### **Fixes**

- Reduced the occurrence probability of PMIC busy issue by stopping PLP capacity check to reduce i2c access to PMIC.

---

### **Online HDD/SSD Flash Component for VMware ESXi - VO007680JWCNK and VO015300JWCNL Drives**

Version: HPD8 (G) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM)

mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives**

Version: HPD9 (F) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in ZeroMemory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - VO1920JEUQQ Drive**

Version: HPD3 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for VMware 8.0

---

## **Online HDD/SSD Flash Component for Windows (x64) - EG000300JWBHR Drive**

Version: HPD5 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

## **Online HDD/SSD Flash Component for Windows (x64) - EG000300JWFVB Drive**

Version: HPD3 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

## **Online HDD/SSD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives**

Version: HPD5 (C) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running

supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - EG000600JWEBH and EG000300JWEBF Drives**

Version: HPD5 (E) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - EG000600JWFUV and EG001200JWFVA Drives**

Version: HPD4 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP, EG001200JWJNQ, EG000600JXLVV, EG001200JXLWA and EG001200MXJQU Drives**

Version: HPD8 (Recommended)



### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

### **Fixes**

Fixes the Power Coordination algorithm which ensures the drive will properly negotiate power with SPL-2 and newer compliant controllers.

---

### **Online HDD/SSD Flash Component for Windows (x64) - EG001800JWFVC Drive**

Version: HPD4 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNL and EG002400JWJNN Drives**

Version: HPD5 (C) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Windows Sever 2022.

---

**Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR, EG002400JWJNT, EG001800JXLWB, EG002400JXLWC and EG002400MXJQT Drives**

Version: HPDA (B) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

**Fixes**

Fixes the Power Coordination algorithm which ensures the drive will properly negotiate power with SPL-2 and newer compliant controllers.

---

**Online HDD/SSD Flash Component for Windows (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSPL and EG0900FCSPN Drives**

Version: HPD2 (I) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for Microsoft Windows Server 2022.

---

**Online HDD/SSD Flash Component for Windows (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives**

Version: HPD5 (J) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an

offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives**

Version: HPD6 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives**

Version: HPD8 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - EG1800JEHMD Drive**

Version: HPD6 (J) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM)

mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

#### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

#### **Online HDD/SSD Flash Component for Windows (x64) - EG1800JEMDB Drive**

Version: HPD5 (I) (Recommended)

#### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

#### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

#### **Online HDD/SSD Flash Component for Windows (x64) - EG1800JFHMH Drive**

Version: HPD8 (D) (Recommended)

#### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

#### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

## Online HDD/SSD Flash Component for Windows (x64) - EH000600JWCPF and EH000900JWCPH Drives

Version: HPDB (B) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

### **Fixes**

Fixes the Power Coordination algorithm which ensures the drive will properly negotiate power with SPL-2 and newer compliant controllers.

---

## Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPK and EH000600JWHPH Drives

Version: HPD8 (B) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Fixes**

- Provides proactive protection against contamination built up on the media and air-bearing surface of the heads by increased routine “sweeping” of the media surface.

---

## Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPH, EH000600JWHPN and EH000300JWHPL Drives

Version: HPD8 (B) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Fixes**

- Provides proactive protection against contamination built up on the media and air-bearing surface of the heads by increased routine “sweeping” of the media surface.

---

## **Online HDD/SSD Flash Component for Windows (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC**

### **Drives**

Version: HPD5 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

## **Online HDD/SSD Flash Component for Windows (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL**

### **Drives**

Version: HPD6 (J) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

## **Online HDD/SSD Flash Component for Windows (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE**

### **Drives**

Version: HPD4 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives**

Version: HPD2 (G) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB002000JWFVN and MB004000JWFVP Drives**

Version: HPD4 (E) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB004000JWFVK and MB006000JWFVL Drives**

Version: HPD4 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB004000JWKGU Drive**

Version: HPD2 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB004000JWWQB and MB002000JWWQA Drives**

Version: HPD8 (B) (Recommended)

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Important Note!**

### **Fixes**

Fixes an issue in previous version where the Inquiry model number is reported incorrectly for first few seconds after the drive is powered on. Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline



firmware flashing of drives is supported for these configurations.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB006000JWKGN Drive**

Version: HPD2 (D) (Recommended)

#### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

#### **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB008000JWRD Drive**

Version: HPD2 (E) (Recommended)

#### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

#### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB008000JWWQP and MB006000JWWQN Drives**

Version: HPD8 (B) (Recommended)

#### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Fixes**

Fixes an issue in previous version where the Inquiry model number is reported incorrectly for first few seconds after the drive is powered on Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB010000JWAYK and MB008000JWAYH Drives**

Version: HPD6 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives**

Version: HPD4 (B) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Fixes**

- Addresses a hot plug reporting concern
- Increased the buffer memory size used for sequential write data to resolve performance degradation seen in a RAID60 configuration Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is

supported for these configurations.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB012000JWDFD Drive**

Version: HPD3 (E) (Recommended)

#### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

#### **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives**

Version: HPD2 (G) (Recommended)

#### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

#### **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB014000JWUDB Drive**

Version: HPD3 (E) (Recommended)

#### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB016000JWXKH Drive**

Version: HPDA (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

### **Fixes**

- This firmware revision improves data integrity and reliability by optimizing adjacent track refresh parameters and management of emergency power loss table structure.
- The risk of not upgrading to this firmware is the increased possibility of data corruption in emergency power loss events.
- Several maintenance items are included in this firmware revision that reduce the probability of hangs and provide some minor performance improvements.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB016000JXLBA and MB018000JXLAU Drives**

Version: HPD2 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives**

Version: HPD3 (G) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

## **Online HDD/SSD Flash Component for Windows (x64) - MB2000JFDSL and MB4000JFDSN Drives**

Version: HPD4 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

## **Online HDD/SSD Flash Component for Windows (x64) - MB2000JFEPA and MB4000JFEPB Drives**

Version: HPD5 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

## Online HDD/SSD Flash Component for Windows (x64) - MB4000JEFNC and MB6000JEFND Drives

Version: HPD9 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

## Online HDD/SSD Flash Component for Windows (x64) - MB4000JEQNL and MB6000JEQNN Drives

Version: HPDB (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

## Online HDD/SSD Flash Component for Windows (x64) - MB4000JEXYA and MB6000JEXYB Drives

Version: HPD9 (G) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C)

(D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB6000JEQUV and MB8000JEQVA Drives**

Version: HPDB (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB6000JVYYV Drive**

Version: HPD2 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB6000JVYZD and MB4000JVYZC Drives**

Version: HPD4 (G) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported

for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB8000JFECQ Drive**

Version: HPD7 (H) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JFWQ, MO003200JFWR, MO000960JFWT, MO001920JFWU and MO003840JFWV Drives**

Version: HPD5 (G) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.



---

**Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives**

Version: HPD3 (E) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for Microsoft Windows Server 2022.

---

**Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives**

Version: HPD1 (D) (Recommended)

**Important Note!**

**Enhancements**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

---

**Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives**

Version: HPD3 (I) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives**

Version: HPD9 (F) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives**

Version: HPD4 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTL, VO003840JWTLN, VO007680JWTLN, MO000400JWTLQ, MO000800JWTLR, MO001600JWTLT, MO003200JWTLU, MO006400JWTLCD, EO000400JWTLV, EO000800JWTLCA and EO001600JWTLCB Drives**

Version: HPD9 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives**

Version: HPD4 (E) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives**

Version: HPD7 (B) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Fixes**

- Reduced the occurrence probability of PMIC busy issue by stopping PLP capacity check to reduce i2c access to PMIC.

---

## **Online HDD/SSD Flash Component for Windows (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives**

Version: HPD9 (F) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

## **Online HDD/SSD Flash Component for Windows (x64) - VO1920JEUQQ Drive**

Version: HPD3 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

## **Online HDD/SSD Flash Component for Linux (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPF and EK001600GWEPH Drives**

Version: HPG3 (J) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like(B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB001000GWCBC and MB002000GWCBD Drives**

Version: HPG6 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like(B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB001000GFWFK and MB002000GFWFL Drives**

Version: HPG6 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like(B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

**Online HDD/SSD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives**

Version: HPG1 (J) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like(B) (C) (D) etc.

**Enhancements**

- Added support for RHEL 9.

---

**Online HDD/SSD Flash Component for Linux (x64) - MB002000GWFGH and MB001000GWFGF Drives**

Version: HPG3 (K) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like(B) (C) (D) etc.

**Enhancements**

- Added support for RHEL 9.

---

**Online HDD/SSD Flash Component for Linux (x64) - MB004000GWKGV Drive**

Version: HPG1 (I) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like(B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB006000GWBXQ and MB008000GWBYL Drives**

Version: HPG8 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB006000GWJRR and MB008000GWJRT Drives**

Version: HPG6 (B) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Fixes**

- Improvement in mixed READ/WRITE performance, which was causing a field issue at an HPE customer - Improve random mix performance in TL=2048k and 512ko Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB006000GWKGR Drive**

Version: HPG1 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB008000GWRTC Drive**

Version: HPG1 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB008000GWWQU and MB006000GWWQT Drives**

Version: HPG7 (B) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Fixes**

- Fixed an intermittent issue where the incorrect model number can be reported during spin-up Online



firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB012000GWDFE Drive**

Version: HPG3 (F) (Recommended)

#### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

#### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB012000GWTFE and MB014000GWTFE Drives**

Version: HPG8 (B) (Recommended)

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

#### **Important Note!**

#### **Fixes**

- Fix for potential hangs and timeouts, tuning fixes based on field experience and maintenance logging items so Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives**

Version: HPG2 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB014000GWUDA Drive**

Version: HPG2 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB016000GWXKK Drive**

Version: HPG4 (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

### **Fixes**

- This firmware revision improves data integrity and reliability by optimizing adjacent track refresh parameters and management of emergency power loss table structure.
- The risk of not upgrading to this firmware is the increased possibility of data corruption in emergency

power loss events.

- Several maintenance items are included in this firmware revision that reduce the probability of hangs and provide some minor performance improvements.

---

## **Online HDD/SSD Flash Component for Linux (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives**

Version: HPG4 (M) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

## **Online HDD/SSD Flash Component for Linux (x64) - MB2000GCWLT, MB3000GCWLU and MB4000GCWLW Drives**

Version: HPG4 (M) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

## **Online HDD/SSD Flash Component for Linux (x64) - MB4000GEFNA and MB6000GEFNB Drives**

Version: HPG6 (M) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running

supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB6000GEBTP Drive**

Version: HPG4 (L) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB6000GEXXV Drive**

Version: HPG2 (M) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB6000GVYYU Drive**

Version: HPG2 (L) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM)

mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MB8000GFECR Drive**

Version: HPG6 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives**

Version: HPG3 (J) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

**Online HDD/SSD Flash Component for Linux (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives**

Version: HPG3 (G) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for RHEL 9.

---

**Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives**

Version: HPG2 (E) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for RHEL 9.

---

**Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives**

Version: HPGG (E) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C)

(D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives**

Version: HPG1 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFF, VK001920GWCFH and VK003840GWCFK Drives**

Version: HPG3 (J) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives**

Version: HPGG (E) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM)

mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives**

Version: HPG4 (G) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives**

Version: HPG6 (G) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.



---

**Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives**

Version: HPG1 (F) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for RHEL 9.

---

**Online HDD/SSD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives**

Version: HPG3 (E) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for RHEL 9.

---

**Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives**

Version: HPG2 (E) (Recommended)

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an

offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - VK003840GWSXL Drive**

Version: HPG3 (E) (Recommended)

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - VK007680GWSXN Drive**

Version: HPG3 (E) (Recommended)

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives**

Version: HPG1 (M) (Recommended)

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running

supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives**

Version: HPG1 (L) (Recommended)

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for Linux (x64) - XP0120GFJSL and XP0240GFJSN Drives**

Version: HPS4 (M) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for RHEL 9.

---

### **Online HDD/SSD Flash Component for VMware ESXi - EK000200GWEPD, EK000400GWEPE, EK000800GWEPF and EK001600GWEPH Drives**

Version: HPG3 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB001000GWCBC and MB002000GWCBD Drives**

Version: HPG6 (H) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB001000GWFWK and MB002000GFWFL Drives**

Version: HPG6 (H) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for VMware 8.0

---

## **Online HDD/SSD Flash Component for VMware ESXi - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives**

Version: HPG1 (H) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for VMware 8.0

---

## **Online HDD/SSD Flash Component for VMware ESXi - MB002000GWFGH and MB001000GWFGF Drives**

Version: HPG3 (J) (Optional)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for VMware 8.0

---

## **Online HDD/SSD Flash Component for VMware ESXi - MB004000GWKGV Drive**

Version: HPG1 (H) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives**

Version: HPG5 (B) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB006000GWBXQ and MB008000GWBYL Drives**

Version: HPG8 (H) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

## Online HDD/SSD Flash Component for VMware ESXi - MB006000GWJRR and MB008000GWJRT Drives

Version: HPG6 (Recommended)

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

### Fixes

- Improvement in mixed READ/WRITE performance, which was causing a field issue at an HPE customer - Improve random mix performance in TL=2048k and 512k.

---

## Online HDD/SSD Flash Component for VMware ESXi - MB006000GWKGR Drive

Version: HPG1 (H) (Recommended)

### Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### Enhancements

- Added support for VMware 8.0

---

## Online HDD/SSD Flash Component for VMware ESXi - MB008000GWRTC Drive

Version: HPG1 (H) (Recommended)

### Important Note!

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB008000GWWQU and MB006000GWWQT Drives**

Version: HPG7 (Recommended)

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

## **Fixes**

### **Fixes an intermittent issue where the incorrect model number can be reported during spin-up.**

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB010000GWAYN and MB008000GWAYL Drives**

Version: HPG5 (I) (Recommended)

## **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB012000GWDFF Drive**

Version: HPG3 (D) (Recommended)

## **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C)



(D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB012000GWTFE and MB014000GWTFE Drives**

Version: HPG8 (Recommended)

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

### **Fixes**

- Fix for potential hangs and timeouts, tuning fixes based on field experience and maintenance logging items.

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives**

Version: HPG2 (H) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB014000GWUDA Drive**

Version: HPG2 (H) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running

supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB016000GWXKK Drive**

Version: HPG4 (Recommended)

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

### **Fixes**

- Fix contains optimization to increase the time for Recovery operation and few checks for maintenance.

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives**

Version: HPG4 (M) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives**

Version: HPG5 (B) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM)

mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB2000GCWLT, MB3000GCWLU and MB4000GCWLW Drives**

Version: HPG4 (M) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB2000GFEMH and MB4000GFEMK Drives**

Version: HPG6 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

## Online HDD/SSD Flash Component for VMware ESXi - MB4000GEFNA and MB6000GEFNB Drives

Version: HPG6 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

## Online HDD/SSD Flash Component for VMware ESXi - MB4000GEQNH and MB6000GEQNK Drives

Version: HPGB (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

## Online HDD/SSD Flash Component for VMware ESXi - MB6000GEBTP Drive

Version: HPG4 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C)

(D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB6000GEQUT and MB8000GEQUU Drives**

Version: HPGB (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB6000GEXXV Drive**

Version: HPG2 (M) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB6000GVYYU Drive**

Version: HPG2 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB6000GVYZB and MB4000GVYZA Drives**

Version: HPG5 (B) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MB8000GFECR Drive**

Version: HPG6 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

**Online HDD/SSD Flash Component for VMware ESXi - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives**

Version: HPG3 (I) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for VMware 8.0

---

**Online HDD/SSD Flash Component for VMware ESXi - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives**

Version: HPG3 (E) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for VMware 8.0

---

**Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives**

Version: HPG2 (C) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running

supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MK003840GWHT Drive**

Version: HPG8 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MK0960GECQK Drive**

Version: HPG3 (N) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MM1000GFJTE Drive**

Version: HPG6 (B) (Recommended)



### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MM2000GEFRA Drive**

Version: HPG9 (B) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives**

Version: HPGG (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for VMware 8.0

---

## **Online HDD/SSD Flash Component for VMware ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives**

Version: HPG1 (H) (Recommended)

## **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for VMware 8.0

---

## **Online HDD/SSD Flash Component for VMware ESXi - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives.**

Version: HPG3 (I) (Recommended)

## **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for VMware 8.0

---

## **Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives**

Version: HPGG (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives**

Version: HPG5 (H) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives**

Version: HPG4 (E) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTTC, VK003840GWTTD, MK000480GWTTTH, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives**

Version: HPG6 (E) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWF, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives**

Version: HPG1 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

**Online HDD/SSD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives**

Version: HPG3 (D) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for VMware 8.0

---

**Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives**

Version: HPG4 (B) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

**Enhancements**

- Added support for VMware 8.0

---

**Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives**

Version: HPG2 (C) (Recommended)

**Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running

supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives**

Version: HPG3 (C) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - VK003840GWSXL Drive**

Version: HPG3 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - VK007680GWSXN Drive**

Version: HPG3 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives**

Version: HPG1 (L) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives**

Version: HPG1 (L) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C)

(D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - VR000150GWEPP and VR000480GWEPR Drives**

Version: HPG1 (I) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for VMware ESXi - XP0120GFJSL and XP0240GFJSN Drives**

Version: HPS4 (L) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- In AHCI configuration only offline flashing is supported.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for VMware 8.0

---

### **Online HDD/SSD Flash Component for Windows (x64) - EK000200GWEPP, EK000400GWEPE, EK000800GWEPP and EK001600GWEPP Drives**

Version: HPG3 (H) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM)



mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB001000GWCBC and MB002000GWCBD Drives**

Version: HPG6 (G) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB001000GFWFK and MB002000GFWFL Drives**

Version: HPG6 (H) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GFWFA and MB004000GFWFB Drives**

Version: HPG1 (H) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB002000GWFGH and MB001000GWFGF Drives**

Version: HPG3 (I) (Optional)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB004000GWKGV Drive**

Version: HPG1 (H) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

## Online HDD/SSD Flash Component for Windows (x64) - MB006000GWBXQ and MB008000GWBYL Drives

Version: HPG8 (G) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

## Online HDD/SSD Flash Component for Windows (x64) - MB006000GWJRR and MB008000GWJRT Drives

Version: HPG6 (B) (Recommended)

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

### **Fixes**

- Improvement in mixed READ/WRITE performance, which was causing a field issue at an HPE customer - Improve random mix performance in TL=2048k and 512k.

---

## Online HDD/SSD Flash Component for Windows (x64) - MB006000GWKGR Drive

Version: HPG1 (H) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

## Online HDD/SSD Flash Component for Windows (x64) - MB008000GWRTC Drive

Version: HPG1 (H) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

## Online HDD/SSD Flash Component for Windows (x64) - MB008000GWWQU and MB006000GWWQT Drives

Version: HPG7 (B) (Recommended)

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

### **Fixes**

- Fixed an intermittent issue where the incorrect model number can be reported during spin-up.

---

## Online HDD/SSD Flash Component for Windows (x64) - MB012000GWDFE Drive

Version: HPG3 (E) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

## Online HDD/SSD Flash Component for Windows (x64) - MB012000GWTFE and MB014000GWTFE Drives

Version: HPG8 (B) (Recommended)

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

#### **Fixes**

- Fix for potential hangs and timeouts, tuning fixes based on field experience and maintenance logging items.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives**

Version: HPG2 (G) (Recommended)

#### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

#### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB014000GWUDA Drive**

Version: HPG2 (H) (Recommended)

#### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

#### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB016000GWXKK Drive**

Version: HPG4 (Recommended)

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

### **Fixes**

Fixes an intermittent issue where the incorrect model number can be reported during spin-up.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives**

Version: HPG4 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB2000GCWLT, MB3000GCWLU and MB4000GCWLW Drives**

Version: HPG4 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB4000GEFNA and MB6000GEFNB Drives**

Version: HPG6 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB6000GEBTP Drive**

Version: HPG4 (J) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MB6000GEXXV Drive**

Version: HPG2 (K) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

## Online HDD/SSD Flash Component for Windows (x64) - MB6000GVYYU Drive

Version: HPG2 (J) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

## Online HDD/SSD Flash Component for Windows (x64) - MB8000GFECR Drive

Version: HPG6 (G) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

## Online HDD/SSD Flash Component for Windows (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives

Version: HPG3 (H) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.



## **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

## **Online HDD/SSD Flash Component for Windows (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives**

Version: HPG3 (F) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

## **Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives**

Version: HPG2 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

## **Online HDD/SSD Flash Component for Windows (x64) - MK003840GWHITE Drive**

Version: HPG8 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running

supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMF, MR000960GWFMA, VR000960GWFME, MR001920GWFMF and VR001920GWFMF Drives**

Version: HPGG (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives**

Version: HPG1 (G) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFF, VK001920GWCFH and VK003840GWCFK Drives**

Version: HPG3 (H) (Recommended)

### **Important Note!**

- Added support for Microsoft Server Windows 2022.
- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives**

Version: HPGG (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives**

Version: HPG4 (F) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives**

Version: HPG6 (F) (Recommended)

## **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives**

Version: HPG3 (D) (Recommended)

## **Important Note!**

- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

## **Enhancements**

- Added support for Microsoft Windows Sever 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives**

Version: HPG2 (D) (Recommended)

## **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode or Host Bus Adapter (HBA) is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running

supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.

- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Windows Server 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - VK003840GWSXL Drive**

Version: HPG3 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - VK007680GWSXN Drive**

Version: HPG3 (D) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives**

Version: HPG1 (J) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives**

Version: HPG1 (J) (Recommended)

### **Important Note!**

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

### **Online HDD/SSD Flash Component for Windows (x64) - XP0120GFJSL and XP0240GFJSN Drives**

Version: HPS4 (J) (Recommended)

- Online firmware flashing of drives attached to a Smart Array controller running in Zero Memory (ZM) mode is NOT supported. Only offline firmware flashing of drives is supported for these configurations.
- Online drive firmware update available for Smart Array Controllers configured in systems running supported Linux, Microsoft Windows, and VMware environments. All other OSes would require an offline update using the Service Pack for ProLiant and Smart Update Manager.
- Customers who already installed latest firmware version do not need to update to sub version like (B) (C) (D) etc.

### **Enhancements**

- Added support for Microsoft Server Windows 2022.

---

**Firmware Package - HPE MR216i-a Gen10 Plus Tri Mode Controller**

Version: 52.22.3-4650 (B) (Recommended)

**Important Note!**

This firmware version to be used on HPE MR216i-a Gen10 Plus Controller.

**Enhancements**

- Meta data update for Cannery Row Server

---

**Firmware Package - HPE MR216i-p Gen10 Plus Tri Mode Controller with Gen10 and Gen10 Plus servers**

Version: 52.22.3-4650 (C) (Recommended)

**Important Note!**

This firmware version to be used on HPE MR216i-p Gen10 Plus Controller.

**Enhancements**

- Meta data update for Cannery Row Server

---

**Firmware Package - HPE MR416i-a Gen10 Plus Tri Mode Controller**

Version: 52.22.3-4650 (B) (Recommended)

**Important Note!**

This firmware version to be used on HPE MR416i-a Gen10 Plus Controller.

**Enhancements**

- Meta data update for Cannery Row Server

---

**Firmware Package - HPE MR416i-p Gen10 Plus Tri Mode Controller with Gen10 and Gen10 Plus servers**

Version: 52.22.3-4650 (C) (Recommended)

**Important Note!**

This firmware version to be used on HPE MR416i-p Gen10 Plus Controller.

**Enhancements**

- Meta data update for Cannery Row Server

---

**Firmware Package - HPE SR932i-p Gen10 Plus /SR416i-a Gen10 Plus/SR932i-p Gen11/SR416ie-m Gen11  
Controllers**

Version: 03.01.17.056 (B) (Recommended)

**Enhancements**

Support ML110 and DL560 Gen11 servers

---

## Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10

Version: 5.32 (B) (Recommended)

### Fixes

- Fixed an issue where the encrypted data is not accessible for a RAID 50/60 volume when it was failed and healed using “Heal Array” .
- Fixed an issue where pointers in PLDM commands were accessed before initialized.
- Fixed an issue where UBM3 backplanes fail to flash.
- Fixed a Predictive Failure drive LED blinking issue.
- Fixed an issue where a re-enabled encrypted single drive RAID 0 logical drive was reported with state Offline after system reboot.
- Fixed long SATA SSD TRIM causing hang.
- Fixed an issue where the product ID of an enclosure was not showing correctly.
- Fixed an issue where the drive bay number for a failed drive is wrong.
- Fixed an issue where the Real Time Clock (RTC) timestamp was not sent to the SES based storage enclosure SEPs attached to internal connectors of the controller.
- Fixed an issue where events are sent continuously if the host does not respond to PlatformEventMessage.
- Fixed an issue where Redfish Volume Create fails when using 4Kn data drives.
- Update Redfish Drive.Identifiers.DurableName to conform to the standard.
- Update Redfish Volume.Identifiers.DurableName to conform to the standard.
- Updated Redfish to the 2021.4 schema bundle.

### Enhancements

- Added UBM6 backplane support.
- Added support for SED Local Key Management.
- Added a new HII menu that will attempt to re-enable a previously failed volume whose physical drives are back.
- Added an Unlock Controller option in the HII menu when controller password is set for Controller Based Encryption (CBE).
- Added new HII menu options to configure Controller Based Encryption (CBE).
- Added new HII options to enable and configure SED Local Key Management.
- Added support for the following Redfish ACTION requests:
  - Drive.SecureErase
  - Drive.Reset
  - Storage.ResetToDefaults
- Added support for Redfish PATCH requests for the following properties:
  - Volume.DisplayName
  - Volume.Links.DedicatedSpareDrives
  - Volume.IOPerfModeEnabled
  - Volume.ReadCachePolicy



- Volume.WriteCachePolicy
- Drive.LocationIndicatorActive
- Drive.WriteCacheEnabled
- Added the following Redfish alerts:
  - DriveOffline
  - DriveMissing
  - DriveOfflineCleared
  - VolumeOffline
  - VolumeOfflineCleared
  - BatteryMissing
  - BatteryFailure-BatteryCharging

---

### **Online ROM Flash Component for Linux (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10**

Version: 5.61 (B) (Recommended)

#### **Enhancements**

For Gen10 DL325 and DL385 servers usage.

---

### **Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10**

Version: 5.32 (B) (Recommended)

#### **Fixes**

- Fixed an issue where the encrypted data is not accessible for a RAID 50/60 volume when it was failed and healed using “Heal Array” .
- Fixed an issue where pointers in PLDM commands were accessed before initialized.
- Fixed an issue where UBM3 backplanes fail to flash.
- Fixed a Predictive Failure drive LED blinking issue.
- Fixed an issue where a re-enabled encrypted single drive RAID 0 logical drive was reported with state Offline after system reboot.
- Fixed long SATA SSD TRIM causing hang.
- Fixed an issue where the product ID of an enclosure was not showing correctly.
- Fixed an issue where the drive bay number for a failed drive is wrong.
- Fixed an issue where the Real Time Clock (RTC) timestamp was not sent to the SES based storage enclosure SEPs attached to internal connectors of the controller.
- Fixed an issue where events are sent continuously if the host does not respond to PlatformEventMessage.
- Fixed an issue where Redfish Volume Create fails when using 4Kn data drives.
- Update Redfish Drive.Identifiers.DurableName to conform to the standard.
- Update Redfish Volume.Identifiers.DurableName to conform to the standard.

- Updated Redfish to the 2021.4 schema bundle.

### **Enhancements**

- Added UBM6 backplane support.
- Added support for SED Local Key Management.
- Added a new HII menu that will attempt to re-enable a previously failed volume whose physical drives are back.
- Added an Unlock Controller option in the HII menu when controller password is set for Controller Based Encryption (CBE).
- Added new HII menu options to configure Controller Based Encryption (CBE).
- Added new HII options to enable and configure SED Local Key Management.
- Added support for the following Redfish ACTION requests:
  - Drive.SecureErase
  - Drive.Reset
  - Storage.ResetToDefaults
- Added support for Redfish PATCH requests for the following properties:
  - Volume.DisplayName
  - Volume.Links.DedicatedSpareDrives
  - Volume.IOPerfModeEnabled
  - Volume.ReadCachePolicy
  - Volume.WriteCachePolicy
  - Drive.LocationIndicatorActive
  - Drive.WriteCacheEnabled
- Added the following Redfish alerts:
  - DriveOffline
  - DriveMissing
  - DriveOfflineCleared
  - VolumeOffline
  - VolumeOfflineCleared
  - BatteryMissing
  - BatteryFailure-BatteryCharging

---

## **Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10**

Version: 5.61 (B) (Recommended)

### **Enhancements**

For Gen10 DL325 and DL385 server usage.

---

## Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10

Version: 5.32 (B) (Recommended)

### Fixes

- Fixed an issue where the encrypted data is not accessible for a RAID 50/60 volume when it was failed and healed using “Heal Array” .
- Fixed an issue where pointers in PLDM commands were accessed before initialized.
- Fixed an issue where UBM3 backplanes fail to flash.
- Fixed a Predictive Failure drive LED blinking issue.
- Fixed an issue where a re-enabled encrypted single drive RAID 0 logical drive was reported with state Offline after system reboot.
- Fixed long SATA SSD TRIM causing hang.
- Fixed an issue where the product ID of an enclosure was not showing correctly.
- Fixed an issue where the drive bay number for a failed drive is wrong.
- Fixed an issue where the Real Time Clock (RTC) timestamp was not sent to the SES based storage enclosure SEPs attached to internal connectors of the controller.
- Fixed an issue where events are sent continuously if the host does not respond to PlatformEventMessage.
- Fixed an issue where Redfish Volume Create fails when using 4Kn data drives.
- Update Redfish Drive.Identifiers.DurableName to conform to the standard.
- Update Redfish Volume.Identifiers.DurableName to conform to the standard.
- Updated Redfish to the 2021.4 schema bundle.

### Enhancements

- Added UBM6 backplane support.
- Added support for SED Local Key Management.
- Added a new HII menu that will attempt to re-enable a previously failed volume whose physical drives are back.
- Added an Unlock Controller option in the HII menu when controller password is set for Controller Based Encryption (CBE).
- Added new HII menu options to configure Controller Based Encryption (CBE).
- Added new HII options to enable and configure SED Local Key Management.
- Added support for the following Redfish ACTION requests:
  - Drive.SecureErase
  - Drive.Reset
  - Storage.ResetToDefaults
- Added support for Redfish PATCH requests for the following properties:
  - Volume.DisplayName
  - Volume.Links.DedicatedSpareDrives
  - Volume.IOPerfModeEnabled
  - Volume.ReadCachePolicy

- Volume.WriteCachePolicy
- Drive.LocationIndicatorActive
- Drive.WriteCacheEnabled
- Added the following Redfish alerts:
  - DriveOffline
  - DriveMissing
  - DriveOfflineCleared
  - VolumeOffline
  - VolumeOfflineCleared
  - BatteryMissing
  - BatteryFailure-BatteryCharging

---

**Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, E208i-p, E208e-p, E208i-a, P816i-a SR Gen10**

Version: 5.61 (B) (Recommended)

**Enhancements**

For Gen10 DL325 and DL385 servers usage.

---

**HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)**

Version: 2023.03.01 (Recommended)

**Important Note!**

This Firmware package contains following firmware versions:

Adapter	Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0

**Prerequisites**

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

The target environment must have the libHBAAPI Package installed prior to the installation of the firmware as the discovery of adapters might not complete without the library. (If not already present, the libHBAAPI Package can be obtained from the operating system installation media.)

Additional requirements:

Environment must be running the syslog daemon for the flash engine to run Environment must have 32-bit netlink library (libnl.so) installed for component to be able to discover Emulex Host Bus Adapters (HBAs)

### **Enhancements**

This Firmware package contains following firmware versions:

Adapter	Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0

### **Supported Devices and Features**

This component is supported on following Emulex Fibre Channel Host Bus adapters:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter

---

### **HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022 x64**

Version: 2023.03.01 (Recommended)

### **Important Note!**

This Firmware package contains following firmware versions:

Adapter	Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0

### **Prerequisites**

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

### **Enhancements**

This Firmware package contains following firmware versions:

Adapter	Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0

### **Supported Devices and Features**

This component is supported on following Emulex Fibre Channel Host Bus adapters:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter

---

### **HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 7.0**

Version: 2023.03.01 (Recommended)

### **Important Note!**

This Firmware package contains following firmware versions:

Adapter	Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0

### **Prerequisites**

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

## **Enhancements**

This Firmware package contains following firmware versions:

Adapter	Speed	Universal Boot Image	Firmware	UEFI	Boot Bios
HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	14.0.499.29	14.0.499.29	14.0.499.2	14.0.490.0

## **Supported Devices and Features**

This component is supported on following Emulex Fibre Channel Host Bus adapters:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter

---

## **HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86\_64)**

Version: 2023.04.01 (Recommended)

### **Important Note!**

Release Notes:HPE QLogic Adapters Release Notes

This Firmware package contains following firmware versions:

Adapter	Speed	MBI	Firmware	UEFI	Boot Bios
HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.00.01	9.09.00	7.19	3.64
HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.00.01	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.00.01	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.00.01	9.09.00	7.19	3.64

## **Prerequisites**

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

The target environment must have the libHBAAPI Package installed prior to the installation of the firmware as the discovery of adapters might not complete without the library. (If not already present, the libHBAAPI

Package can be obtained from the operating system installation media.)

The HPE supplied enablement kit must be installed prior to this firmware component being identified by SUM for deployment.

- It is advised to provide read-write permissions on /var/tmp folder. Firmware deployment via Service Pack for ProLiant(SPP) might be unsuccessful in some cases , if read-write(rw) permissions are not enable on /tmp or /var/tmp directories.

### **Enhancements**

This Firmware package contains following firmware versions:

Adapter	Speed	MBI	Firmware	UEFI	Boot Bios
HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.00.01	9.09.00	7.19	3.64
HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.00.01	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.00.01	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.00.01	9.09.00	7.19	3.64

### **Supported Devices and Features**

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

---

### **HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server**

#### **2016/2019/2022 (x86\_64)**

Version: 2023.04.01 (Recommended)

### **Important Note!**

Release Notes:HPE QLogic Adapters Release Notes

This Firmware package contains following firmware versions:

Adapter	Speed	MBI	Firmware	UEFI	Boot Bios
HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.00.01	9.09.00	7.19	3.64
HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.00.01	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.00.01	9.09.00	7.19	3.64



HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.00.01	9.09.00	7.19	3.64
---	------	----------	---------	------	------

### **Prerequisites**

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

### **Enhancements**

This Firmware package contains following firmware versions:

Adapter	Speed	MBI	Firmware	UEFI	Boot Bios
HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.00.01	9.09.00	7.19	3.64
HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.00.01	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.00.01	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.00.01	9.09.00	7.19	3.64

### **Supported Devices and Features**

This component is supported on following QLogic Fibre Channel Host Bus adapters:

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

---

## **HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 7.0**

Version: 2023.04.01 (Recommended)

### **Important Note!**

Release Notes:HPE QLogic Adapters Release Notes

This Firmware package contains following firmware versions:

Adapter	Speed	MBI	Firmware	UEFI	Boot Bios
HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.00.01	9.09.00	7.19	3.64
HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.00.01	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.00.01	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.00.01	9.09.00	7.19	3.64

Host Bus Adapter					
------------------	--	--	--	--	--

### **Prerequisites**

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

### **Enhancements**

This Firmware package contains following firmware versions:

Adapter	Speed	MBI	Firmware	UEFI	Boot Bios
HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.00.01	9.09.00	7.19	3.64
HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter	16Gb	02.00.01	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.00.01	9.09.00	7.19	3.64
HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.00.01	9.09.00	7.19	3.64

### **Supported Devices and Features**

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1100Q 16GB Single Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

### **Online Flash for Linux - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors**

Version: 04.01.04.901 (Recommended)

#### **Fixes**

See the release document in Download Product Binaries page from Product Summary of the firmware product.

#### **Enhancements**

Version 04.01.04.901 firmware

### **Online Flash for Linux - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors**

Version: 04.04.04.300 (Recommended)

#### **Fixes**

See the release document in Download Product Binaries page from Product Summary of the firmware

product.

### **Enhancements**

Version 04.04.04.300 firmware

---

### **Online Flash for Windows x64 - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors**

Version: 04.01.04.901 (Recommended)

### **Fixes**

See the release document in Download Product Binaries page from Product Summary of the firmware product.

### **Enhancements**

Version 04.01.04.901 firmware

---

### **Online Flash for Windows x64 - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors**

Version: 04.04.04.300 (Recommended)

### **Fixes**

See the release document in Download Product Binaries page from Product Summary of the firmware product.

### **Enhancements**

Version 04.04.04.300 firmware

---

### **Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems**

Version: 05.01.04.804 (Recommended)

### **Fixes**

See the release document in Download Product Binaries page from Product Summary of the firmware product.

### **Enhancements**

Version 05.01.04.804 firmware

---

### **Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems**

Version: 06.00.03.309 (Recommended)

### **Prerequisites**

The "iLO 5 Channel Interface Driver" (CHIF) for Windows which is available from Service Pack for ProLiant

(SPP).

#### **Fixes**

See the release document in Download Product Binaries page from Product Summary of the firmware product.

#### **Enhancements**

Version 06.00.03.309 firmware

---

### **Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems**

Version: 06.00.03.309 (Recommended)

#### **Fixes**

See the release document in Download Product Binaries page from Product Summary of the firmware product.

#### **Enhancements**

Version 06.00.03.309 firmware

---

### **Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems**

Version: 05.01.04.804 (Recommended)

#### **Fixes**

See the release document in Download Product Binaries page from Product Summary of the firmware product.

#### **Enhancements**

Version 05.01.04.804 firmware

---

### **Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems**

Version: 06.00.03.309 (Recommended)

#### **Fixes**

See the release document in Download Product Binaries page from Product Summary of the firmware product.

#### **Enhancements**

Version 06.00.03.309 firmware

---

**Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems**

Version: 06.00.03.309 (Recommended)

**Fixes**

See the release document in Download Product Binaries page from Product Summary of the firmware product.

**Enhancements**

Version 06.00.03.309 firmware

---

**ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 3100/3200/4100/4200/5100/5200/6100/6200/8100/8200 series Processors**

Version: 04.01.04.901 (Recommended)

**Fixes**

See the release document in Download Product Binaries page from Product Summary of the firmware product.

**Enhancements**

Version 04.01.04.901 firmware

---

**ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors**

Version: 04.04.04.300 (Recommended)

**Fixes**

See the release document in Download Product Binaries page from Product Summary of the firmware product.

**Enhancements**

Version 04.04.04.300 firmware

---

**ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems**

Version: 05.01.04.804 (Recommended)

**Fixes**

See the release document in Download Product Binaries page from Product Summary of the firmware product.

**Enhancements**

Version 05.01.04.804 firmware

---

## ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems

Version: 06.00.03.309 (Recommended)

### Fixes

See the release document in Download Product Binaries page from Product Summary of the firmware product.

### Enhancements

Version 06.00.03.309 firmware

---

## ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems

Version: 06.00.03.309 (Recommended)

### Fixes

See the release document in Download Product Binaries page from Product Summary of the firmware product.

### Enhancements

Version 06.00.03.309 firmware

---

## HPE Lights-Out Online Configuration Utility for Linux (AMD64/EM64T)

Version: 6.0.0-0 (Optional)

### Prerequisites

For Integrated Lights-Out 5, this utility requires minimum firmware revision 1.20 or later. The management interface driver and management agents must be installed on the server. For iLO 5 or later, openssl v1.0.x or later is required in addition to above packages. Customers who manually compile and install openssl or intentionally relocate /usr/bin/openssl, need to set PATH environment variable to direct HPONCFG to the right/intended openssl.

### Enhancements

Introduced support for iLO6.

---

## HPE Lights-Out Online Configuration Utility for Windows x64 Editions

Version: 6.0.0.0 (Optional)

### Prerequisites

This utility requires the following minimum firmware revisions:

- Integrated Lights-Out 5 firmware v1.30 or later
- Integrated Lights-Out 6 firmware v1.10 or later

The management interface driver must be installed on the server.

Microsoft .Net Framework 2.0 or later is required to launch HPONCFG GUI.

## **Enhancements**

Introduced support for iLO 6.

---

## **HPE Agentless Management Bundle Smart Component on ESXi for Gen10 and Gen10 Plus Servers**

Version: 2023.02.01 (Recommended)

## **Fixes**

Agentless Management Service

- Removed incorrect reporting of NS204i device in cpqSePCleDisk MIB.
  - Fixed incorrect speed of 100G network adapter reported in cpqNicIfPhysAdapterSpeedMbps OID.
  - Fixed missing OS Logical Disk entries in the iLO AHS log.
- 

## **Smart Storage Administrator (SSA) CLI Smart Component for ESXi 7.0 for Gen10/Gen10 Plus/Gen11**

### **Controllers**

Version: 2023.04.01 (Recommended)

## **Enhancements**

Support ML110 and DL560 Gen11 servers

---

## **HPE MegaRAID Storage Administrator StorCLI for VMware7.0 (For Gen10P and Gen11 Controllers)**

Version: 2023.04.01 (Recommended)

## **Enhancements**

Support HPE ML110 and DL560 Gen11 servers

---

## **HPE QLogic Fibre Channel driver component for VMware vSphere 7.0**

Version: 2023.03.01 (Recommended)

## **Important Note!**

This component is intended to be used by HPE applications. It is a zip that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CPXXXX.xml file.

## **Prerequisites**

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

## **Enhancements**

Driver version 5.3.1.0

## **Supported Devices and Features**

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

- HPE SN1100Q 16Gb Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1100Q 16Gb Single Port PCIe Fibre Channel Host Bus Adapter

- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

---

## **HPE Storage Emulex Fibre Channel driver component for VMware vSphere 7.0**

Version: 2023.03.01 (Recommended)

### **Important Note!**

This component is intended to be used by HPE applications. It is a zip that contains the same driver deliverable available from the vmware.com and the HPE vibsdepot.hpe.com webpages, plus an HPE specific CPXXXX.xml file.

### **Prerequisites**

Please consult SPOCK for a list of supported configurations available at the following link:  
<http://www.hpe.com/storage/spock/>

### **Enhancements**

Updated to Driver version 14.0.543.0

### **Supported Devices and Features**

This component is supported on following Emulex Fibre Channel Host Bus adapters:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter

---

## **HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters for Red Hat Enterprise Linux 8 Server**

Version: 14.0.499.28 (Optional)

### **Important Note!**

The target environment must have the libHBAAPI Package installed prior to the installation of the enablement kit. (If not already present, the libHBAAPI Package can be obtained from the operating system installation media.)

### **Prerequisites**

The target environment must have the libHBAAPI Package installed prior to the installation of the enablement kit. (If not already present, the libHBAAPI Package can be obtained from the operating system installation media.)

### **Enhancements**

Updated to version 14.0.499.28

### **Supported Devices and Features**

This component is supported on following Emulex Fibre Channel Host Bus adapters:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter



- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter

---

## **HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2016/2019 (x86\_64)**

Version: 1.0.0.1 (p) (Optional)

### **Important Note!**

The Smart SAN enablement kit will not execute when an operating system has only the inbox fibre channel driver installed.

Obtain Smart SAN User Guide for 3PAR at following link: [HPE Smart SAN for 3PAR 2.0 User Guide](#)

### **Prerequisites**

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

The HPE supplied fibre channel driver must be installed prior to this enablement kit component if you want to enable Smart SAN functionality. The latest Emulex FC driver 14.0.534.0 is available on the Service Pack for ProLiant (SPP) which is available at <http://www.hpe.com/servers/spp/download/>

However, if a Smart SAN enabled driver is not installed at execution time, the component will land the enablement kit files for future use after the driver has been installed.

### **Enhancements**

Updated to version 1.0.0.1

### **Supported Devices and Features**

This component is supported on following Emulex Fibre Channel Host Bus adapters:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter

---

## **HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2022 (x86\_64)**

Version: 1.0.0.1 (f) (Optional)

### **Important Note!**

The Smart SAN enablement kit will not execute when an operating system has only the inbox fibre channel driver installed.

Obtain Smart SAN User Guide for 3PAR at following link: [HPE Smart SAN for 3PAR 2.0 User Guide](#)

### **Prerequisites**

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

The HPE supplied fibre channel driver must be installed prior to this enablement kit component if you want to enable Smart SAN functionality. The driver is available on the HPE.com website at [www.hpe.com](http://www.hpe.com). HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver v14.0.534.0 cp054531.exe  
However, if a Smart SAN enabled driver is not installed at execution time, the component will land the enablement kit files for future use after the driver has been installed.

### **Enhancements**

Updated to version 1.0.0.1

### **Supported Devices and Features**

This component is supported on following Emulex Fibre Channel Host Bus adapters:

- HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter

---

## **HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2016/2019 (x86\_64)**

Version: 1.0.0.1 (n) (Optional)

### **Important Note!**

The Smart SAN enablement kit will not execute when an operating system has only the inbox fibre channel driver installed. An out of box (OOB) fibre channel driver is needed to utilize Smart SAN functionality. If any OOB driver is installed, the enablement kit will pre-enable/disable Smart SAN functionality for future use. It can then be activated once a Smart SAN enabled OOB driver is installed (see Prerequisite Notes) and after a reboot has occurred.

Obtain Smart SAN User Guide for 3PAR at following link: [HPE Smart SAN for 3PAR 2.0 User Guide](#)

### **Prerequisites**

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

The HPE supplied fibre channel driver must be installed prior to this enablement kit component if you want to enable Smart SAN functionality. The driver is available on the HPE.com website at [www.hpe.com](http://www.hpe.com).

- HPE Storage Fibre Channel Adapter Kit for the QLogic Storport Driver for Windows Server 2016 version 9.4.6.20, cp054431.exe.
- HPE Storage Fibre Channel Adapter Kit for the QLogic Storport Driver for Windows Server 2019 version 9.4.6.20, cp054432.exe.

However, if a Smart SAN enabled driver is not installed at execution time, the component will land the enablement kit files for future use after the driver has been installed.

### **Enhancements**

Updated to version 1.0.0.1

## **Supported Devices and Features**

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

- HPE SN1100Q 16Gb Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1100Q 16Gb Single Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

---

## **HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2022 (x86\_64)**

Version: 1.0.0.1 (e) (Optional)

### **Important Note!**

The Smart SAN enablement kit will not execute when an operating system has only the inbox fibre channel driver installed. An out of box (OOB) fibre channel driver is needed to utilize Smart SAN functionality. If any OOB driver is installed, the enablement kit will pre-enable/disable Smart SAN functionality for future use. It can then be activated once a Smart SAN enabled OOB driver is installed (see Prerequisite Notes) and after a reboot has occurred.

Obtain Smart SAN User Guide for 3PAR at following link: [HPE Smart SAN for 3PAR 2.0 User Guide](#)

### **Prerequisites**

Please consult SPOCK for a list of supported configurations available at the following link:

<http://www.hpe.com/storage/spock/>

The HPE supplied fibre channel driver must be installed prior to this enablement kit component if you want to enable Smart SAN functionality. The driver is available on the HPE.com website at [www.hpe.com](http://www.hpe.com).

- HPE Storage Fibre Channel Adapter Kit for the QLogic Storport Driver for Windows Server 2022 version 9.4.6.20, cp054433.exe

However, if a Smart SAN enabled driver is not installed at execution time, the component will land the enablement kit files for future use after the driver has been installed.

### **Enhancements**

Updated to version 1.0.0.1

## **Supported Devices and Features**

This component is supported on following Qlogic Fibre Channel Host Bus adapters:

- HPE SN1100Q 16Gb Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1100Q 16Gb Single Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

---

## **Agentless Management Service (iLO5, iLO 6) for Red Hat Enterprise Linux 8 Server**

Version: 3.3.0 (Optional)

## **Prerequisites**

- amsd only supported on HPE Gen10/Gen10 Plus Servers and later Server Generations.
- amsd provides information to the iLO 5 and iLO 6 service providing SNMP support.
- Requirements:
  - Minimum iLO 5 Firmware Version = 1.10
  - Minimum supported OS Versions = Red Hat Enterprise Linux 8
- Requirements:
  - Minimum iLO 6 Firmware Version = 1.10
  - Minimum supported OS Versions = Red Hat Enterprise Linux 8.6

## **Fixes**

Fixed the following items:

- cpqSePCleDiskOsName is now correctly displayed
- Removed trailing spaces in the value of cpqSePCleDiskModel, cpqNicIfPhysAdapterPartNumber, cpqSePciSlotBoardName, cpqSePCleDiskFwRe

## **Enhancements**

The following enhancements are available in this release:

- Extend cpqSePciSlotEntry, cpqSePciFuncEntry, cpaSePCleDiskEntry OIDs index for supporting PCI multi-segment function.
- Support NIC redundancy bonding function

---

## **Agentless Management Service for Microsoft Windows x64**

Version: 2.51.3.0 (Optional)

### **Important Note!**

About installation and enablement of SMA service:

- During AMS installation in interactive mode, there is pop up message to selectively install SMA.
- If Yes is selected, SMA service will be installed and set to running state.
- If No is selected, SMA service will be installed but the service is not enabled.
- During AMS installation in silent mode, SMA is installed but the service is not enabled.
- To enable SMA service at a later time, go to the following folder: %ProgramFiles%\OEM\AMS\Service\ (Typically c:\Program Files\OEM\AMS\Service) and execute "EnableSma.bat /f"
- IMPORTANT: The SNMP service community name and permission must also be setup. This is not done by "EnableSma.bat" .
- To disable SMA after it has been enabled, go to the following folder: %ProgramFiles%\OEM\AMS\Service\ (Typically c:\Program Files\OEM\AMS\Service) and execute "DisableSma.bat /f"
- After installing Windows operating system, make sure all the latest Microsoft Updates are downloaded and installed (wuapp.exe can be launched to start the update process). If this is not done, a critical error may be reported in Windows Event Log, "The Agentless Management Service terminated

unexpectedly.”.

AMS Control Panel Applet:

- The AMS control panel applet UI is best displayed on the system when screen resolution is 1280 x 1024 pixels or higher and text size 100%.
- Test trap generated from AMS Control Panel Applet requires iLO5 firmware version 2.10 and newer.
- When in iLO5 high security mode (e.g. FIPS mode), MD5 authentication protocol will not be shown.

### **Prerequisites**

The Channel Interface Driver for Windows X64 must be installed prior to this component.

Microsoft SNMP Service must be enabled, if SMA (System Management Assistant) is enabled.

### **Fixes**

- Fixed missing enterprise OID in SNMP trap

### **Enhancements**

- Enhanced SW inventory to gather all smart components' specific information.
- Synchronous the correct AHCI SATA drive firmware version after upgrading or downgrading firmware.
- Enhanced the announcement when there is no CHIF installed during AMS install.

---

## **HPE MegaRAID Storage Administrator for Linux 64-bit (HPE MRSA for Gen10P and Gen11 Controllers)**

Version: 8.2.19.0 (C) (Recommended)

### **Prerequisites**

- For SLES15 and above platforms, one of the dependent rpms -'insserv-compat' is required during installation/uninstallation. This is needed because MRSA startup script is based on SysV/init script and insserv adds as a bridge between SysV/init script and systemctl.
- From RHEL 8+ the Desktop ICON Launching property is disabled by default. Please use either yum or DNF to install gnome-tweak-tool and Enable the Desktop Shortcut feature to launch MRSA. The chkconfig package is not present in RHEL 9 by default. This package is required to auto start MRSA service on system boot. Please install chkconfig package before installing the MRSA.

### **Enhancements**

Support HPE ML110 and DL560 Gen11 servers

---

## **HPE MegaRAID Storage Administrator for Windows 64-bit (HPE MRSA for Gen10P and Gen11 Controllers)**

Version: 8.2.19.0 (C) (Recommended)

### **Enhancements**

Support HPE ML110 and DL560 Gen11 servers

---

## **HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit (for Gen10P and Gen11 Controllers)**

Version: 007.2207.0000.0000 (C) (Optional)

## **Enhancements**

Support HPE ML110 and DL560 Gen11 servers

---

## **HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit (for Gen10P and Gen11 Controllers)**

Version: 7.22.7.0 (C) (Recommended)

## **Enhancements**

Support HPE ML110 and DL560 Gen11 servers

---

## **Smart Storage Administrator (SSA) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers**

Version: 6.15.11.0 (C) (Recommended)

## **Enhancements**

Support ML110 and DL560 Gen11 servers

---

## **Smart Storage Administrator (SSA) for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers**

Version: 6.15.11.0 (C) (Recommended)

## **Prerequisites**

The Smart Storage Administrator for Linux requires the System Management Homepage software to be installed on the server. If the System Management Homepage software is not already installed on your server, please download it from HPE.com and install it before installing the Smart Storage Administrator for Linux.

IMPORTANT UPDATE: SSA (GUI) for Linux can now be run without requiring the System Management Homepage. SSA now supports a Local Application Mode for Linux. The System Management Homepage is still supported, but no longer required to run the SSA GUI.

To invoke, enter the following at the command prompt:

ssa -localThe command will start SSA in a new Firefox browser window. When the browser window is closed, SSA will automatically stop. This is only valid for the loopback interface, and not visible to external network connections.

## **Enhancements**

Support ML110 and DL560 Gen11 servers

---

## **Smart Storage Administrator (SSA) for Windows 64-bit for Gen10/Gen10 Plus/Gen11 Controllers**

Version: 6.15.11.0 (C) (Recommended)

## **Enhancements**

Support ML110 and DL560 Gen11 servers

---

## **Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit for Gen10/Gen10 Plus/Gen11 Controllers**

Version: 6.15.11.0 (C) (Recommended)

## **Enhancements**

Support ML110 and DL560 Gen11 servers