

HA8000V シリーズ

Service Pack for HA8000V (SPH)

Version 6.60 23

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。こちらも合わせてご参照ください。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
2022年5月	初版
2022年7月	5.9.1 追記、6.2.12 一覧更新
2022年7月	DL20 Gen10 Plus/ML30 Gen10 Plus サポート、サポートデバイス追加
2022年9月	6.1 更新
2022年11月	3.1 修正、5.6.1 誤記訂正、5.11 追記
2022年12月	5.10.2 追記
2023年12月	5.3 (7)追記、5.7.4 修正、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
- Microsoft® Windows Server® 2016
- Red Hat® Enterprise Linux® Server 7.9
- Red Hat® Enterprise Linux® Server 7.8
- Red Hat® Enterprise Linux® Server 8.4
- Red Hat® Enterprise Linux® Server 8.3
- VMware ESXi™ 6.7
- VMware ESXi™ 6.5
- 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
 - HA8000V/DL20 Gen10 Plus
 - HA8000V/ML30 Gen10 Plus
- 追加サポートOS
 - Microsoft® Windows Server® 2022

(2) 追加サポートデバイス

- BCM 57414 10/25GbE 2p SFP28 Adptr
- BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr
- Broadcom MR416i-p Cntrl for HPE Gen10+
- Broadcom MR416i-a Cntrl for HPE Gen10+
- Broadcom MR216i-p Cntrl for HPE Gen10+
- Broadcom MR216i-a Cntrl for HPE Gen10+
- Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE

(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 8.2

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"パラメーター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"パラメーター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	
		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)
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) 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

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。

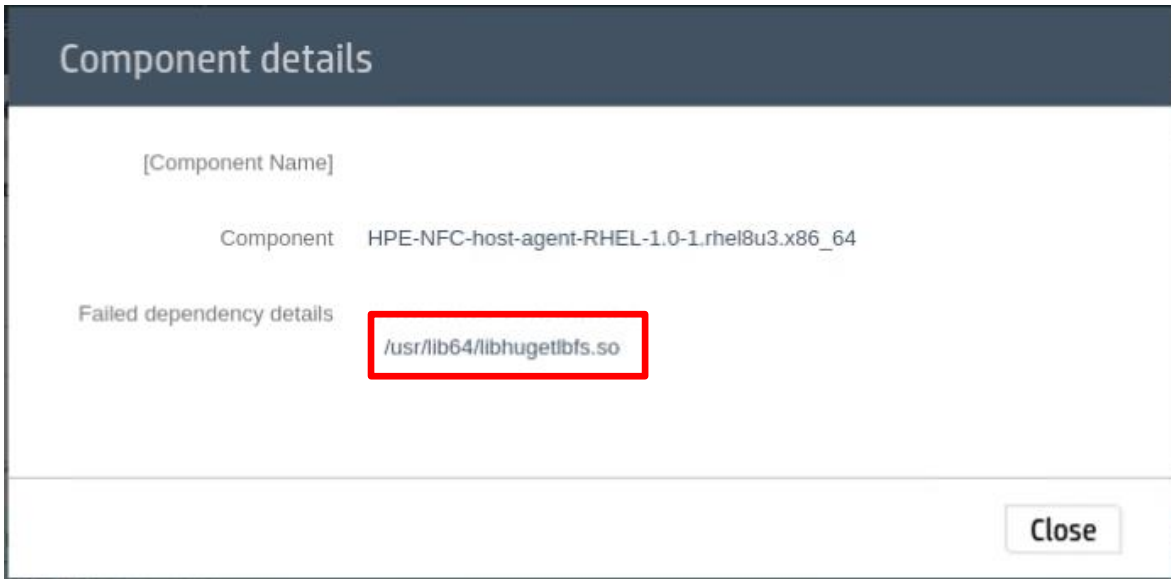
なお、依存する os ライブラリは、依存関係解消後に新たな依存関係が発生する場合があります、その場合は依存関係エラーが解消するまで、SPH 適用を繰り返す必要があります。

【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 checked="" type="checkbox"/>	HPE NFS host agent for RedHat Enterprise Linux(RHEL) Server -7/8 (HPE-NFC-host-agent-RHEL-1.0-1.rhel8u3.x86_64)	<input checked="" type="checkbox"/>	Software	Recommended	1.0-1.rhel8u3	No
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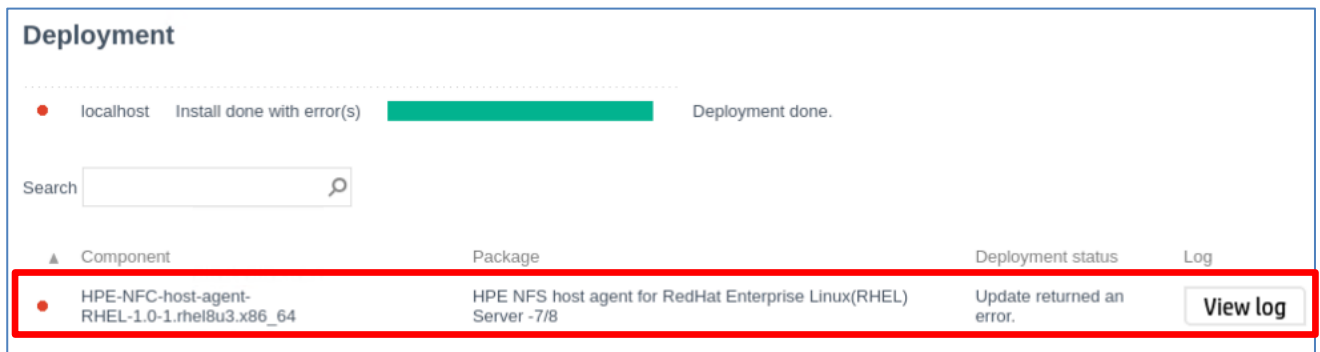
上記赤枠内の赤丸をダブルクリックすると次のダイアログが表示され、“Failed dependency details”として、インストールが必要となるファイル/ライブラリが表示されます。(赤枠内)



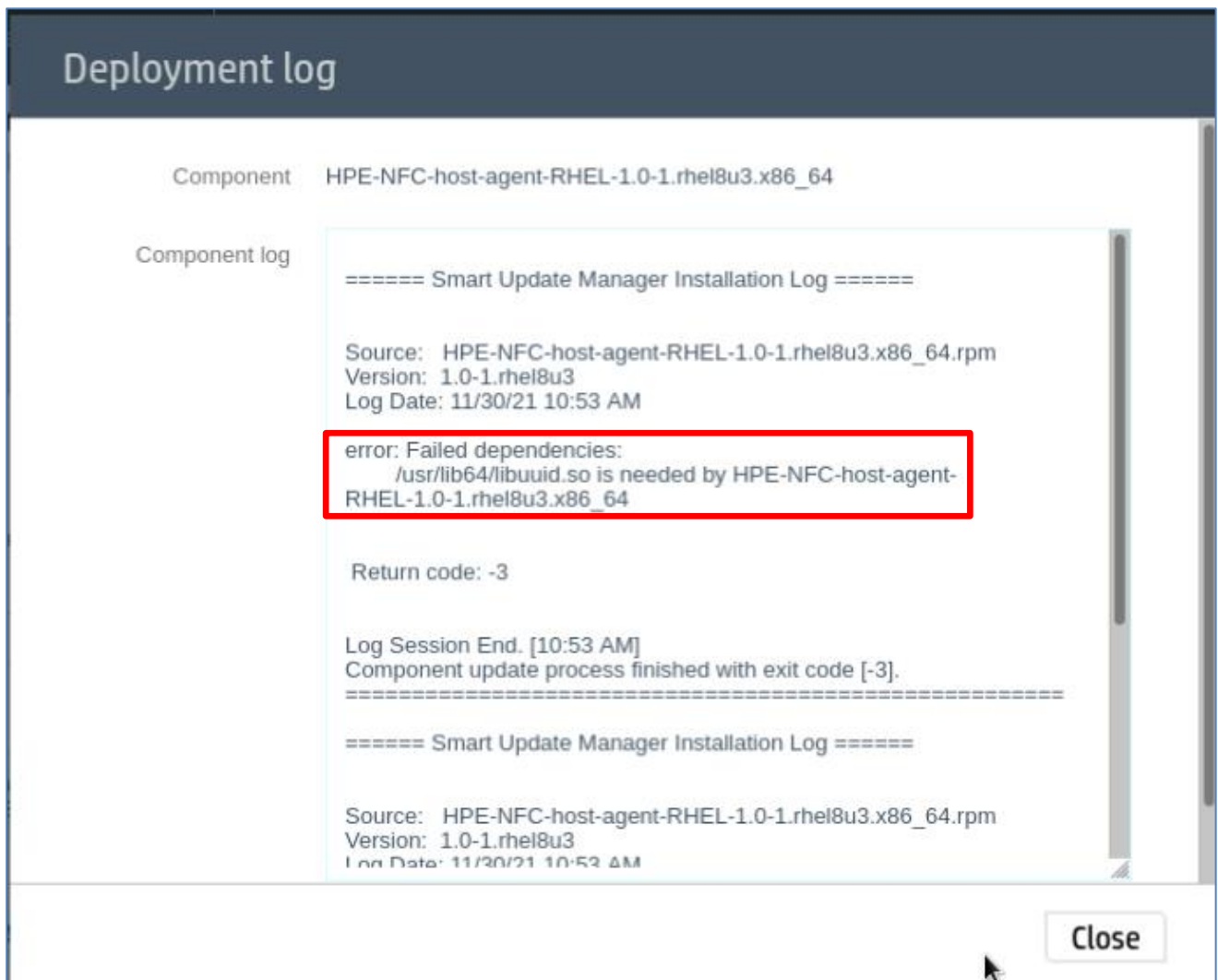
上記の例では、インストールが必要となるファイル/ライブラリとして、“libhugetlbfs.so”を示しています。

【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 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。

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、『6.2.11 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『6.2.9 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 2016	iLO 5 Automatic Server Recovery Driver for Microsoft
2	Windows Server 2019	Windows Server 2016 and Server 2019
3	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(sut-esxi*.*-bundle-*.*.*-*.zip)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™ 6.5	cp049605.zip	sut-esxi6.5-offline-bundle-2.9.1.0-8.zip
2	VMware ESXi™ 6.7	cp049606.zip	sut-esxi6.7-offline-bundle-2.9.1.0-6.zip
3	VMware ESXi™ 7.0	cp049608.zip	sutComponent_701.2.9.1.9-0-signed_component-19330218.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。
- (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 Management Bundle, Utilities Bundle 収録モジュールのバージョンについて

Management Bundle, Utilities Bundle には、複数の VIB モジュールが含まれています。各コンポーネントに含まれる VIB のバージョンは次の通りです。

【Management Bundle Smart Component に含まれる VIB モジュール及びバージョン】

OS バージョン			VMware6.5	VMware6.7	VMware7.0	
ファイル名			cp047523.zip	cp047522.zip	cp047520.zip	cp047521.zip
VIB モ ジ ュ ー ル	amsd	Agentless Management Service	650.11.8.0.15-1.4240417	670.11.8.0.15-1.7535516	701.11.8.0.15-1	—
	fc-enablement	Fiber Channel Enablement Package	650.3.8.0.6-4240417	670.3.80.6-7535516	—	700.3.8.0.6-1

【Utilities Bundle Smart Component に含まれる VIB モジュール及びバージョン】

OS バージョン		VMware6.5	VMware6.7	VMware7.0	
ファイル名		cp047458.zip	cp050293.zip	cp047396.zip	
VIB モ ジ ュ ー ル	conrep	Conrep Utility	650.10.8.0.12- 6.5.0.2494585	670.10.8.0.18- 6.7.0.7535516	700.10.8.0.21- 7.0.0.15843807
	testevent	Test Event Utility	6.5.0.02- 01.00.9.4240417	6.7.0.02- 01.00.12.7535516	700.10.8.0.1- 7.0.0.15843807
	ssacli	Smart Storage Administrator CLI	5.20.8.0- 6.5.0.4240417.oem	5.30.6.0- 6.7.0.7535516.oem	
	Bootcfg	Boot Configuration Utility	6.0.0.02- 06.00.16.2494585	6.7.0.02- 06.00.14.7535516	700.10.8.0.1- 7.0.0.15843807
	Hponcfg	Lights-Out Configuration Utility	6.0.0.5.5- 0.37.2494585	6.7.0.5.5- 0.18.7535516	700.10.8.0.1- 7.0.0.15843807

5.7.4 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 ilusername=<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
```

5.7.5 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。

5.7.6 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。

5.7.7 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が

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。

5.10.2 ユーティリティの適用について

HA8000V/ML30 Gen10 Plus と下表記載の MR Gen10 Plus 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「6.2.22 Software - Storage Controller」及び「6.2.24 Software - System Management」記載の各 OS に対応した MR Gen10 Plus コントローラの下記管理ユーティリティを適用してください。

- HPE MegaRAID Storage Administrator (HPE MRSA) for <OS 名>
- HPE MegaRAID Storage Administrator StorCLI for <OS 名>

管理ユーティリティの適用方法は、「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 インストール後のセットアップ」-「MegaRAID の管理ユーティリティについて」を参照してください。

形名(*1)	製品名	device
TQ-R□□-P06367-B21	MR416i-p Gen10 Plus コントローラ	Broadcom MR416i-p Cntrl for HPE Gen10+
TQ-R□□-P26324-B21	MR216i-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

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。

【注意】

ネットワークアダプタ レジストリ設定ツールのバッチファイルを実行した場合、実行画面の対象 OS に Windows Server 2022/2019 が表示されません。これは表示上だけの問題であり、Windows Server 2022/2019 にも対応していますので、ネットワークアダプタ レジストリ設定ツールを適用してください。

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](#)
- [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](#)
- [Utility - Tools](#)

6.2.1 Application - System Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
1	Integrated Smart Update Tools 2.9.1 for ESXi 6.5	cp049605.zip	-	2021.12.00	2021.12.00	更新
2	Integrated Smart Update Tools 2.9.1 for ESXi 6.7	cp049606.zip	-	2021.12.00	2021.12.00	更新
3	Integrated Smart Update Tools 2.9.1 for ESXi 7.0	cp049608.zip	-	2021.12.00	701.2.9.1.16-1OEM.701.0.0.16850804	更新
4	Integrated Smart Update Tools for Linux x64	sut-2.9.1-22.linux.x86_64.rpm	-	2.9.1.0	2.9.1-22.linux	更新
5	Integrated Smart Update Tools for Windows x64	cp049603.exe	-	2.9.1.0	2.9.1.0	更新

6.2.2 BIOS - System ROM

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
6	Online ROM Flash Component for Linux - System ROM U30	firmware-system-oem-u30-2.62_2022_03_08-1.1.x86_64.rpm	System BIOS - U30	2.62_03-08-2022	v2.62 (03/08/2022)	更新
7	Online ROM Flash Component for Linux - System ROM U32	firmware-system-oem-u32-2.62_2022_03_08-1.1.x86_64.rpm	System BIOS - U32	2.62_03-08-2022	v2.62 (03/08/2022)	更新
8	Online ROM Flash Component for Linux - System ROM U34	firmware-system-oem-u34-2.62_2022_03_08-1.1.x86_64.rpm	System BIOS - U34	2.62_03-08-2022	v2.62 (03/08/2022)	更新
9	Online ROM Flash Component for Linux - System ROM U41	firmware-system-oem-u41-2.62_2022_03_08-1.1.x86_64.rpm	System BIOS - U41	2.62_03-08-2022	v2.62 (03/08/2022)	更新
10	Online ROM Flash Component for Linux - System ROM U43	firmware-system-oem-u43-2.56_2022_01_20-1.1.x86_64.rpm	System BIOS - U43	2.56_01-20-2022	v2.56 (01/20/2022)	更新
11	Online ROM Flash Component for Linux - System ROM U44	firmware-system-oem-u44-2.56_2022_01_20-1.1.x86_64.rpm	System BIOS - U44	2.56_01-20-2022	v2.56 (01/20/2022)	更新
12	Online ROM Flash Component for Linux - System ROM U46	firmware-system-oem-u46-1.58_2022_01_13-1.1.x86_64.rpm	System BIOS - U46	1.58_01-13-2022	v1.58 (01/13/2022)	更新
13	Online ROM Flash Component for Linux - System ROM U60	firmware-system-oem-u60-1.54_2022_01_13-1.1.x86_64.rpm	System BIOS - U60	1.54_01-13-2022	v1.54 (01/13/2022)	新規追加
14	Online ROM Flash Component for Linux - System ROM U61	firmware-system-oem-u61-1.54_2022_01_13-1.1.x86_64.rpm	System BIOS - U61	1.54_01-13-2022	v1.54 (01/13/2022)	新規追加
15	Online ROM Flash Component for Windows x64 - System ROM U30	cp051174.exe	System BIOS - U30	2.62_03-08-2022	v2.62 (03/08/2022)	更新
16	Online ROM Flash Component for Windows x64 - System ROM U32	cp051179.exe	System BIOS - U32	2.62_03-08-2022	v2.62 (03/08/2022)	更新
17	Online ROM Flash Component for Windows x64 - System ROM U34	cp051186.exe	System BIOS - U34	2.62_03-08-2022	v2.62 (03/08/2022)	更新
18	Online ROM Flash Component for Windows x64 - System ROM U41	cp051336.exe	System BIOS - U41	2.62_03-08-2022	v2.62 (03/08/2022)	更新
19	Online ROM Flash Component for Windows x64 - System ROM U43	cp050875.exe	System BIOS - U43	2.56_01-20-2022	v2.56 (01/20/2022)	更新
20	Online ROM Flash Component for Windows x64 - System ROM U44	cp050878.exe	System BIOS - U44	2.56_01-20-2022	v2.56 (01/20/2022)	更新

21	Online ROM Flash Component for Windows x64 - System ROM U46	cp050620.exe	System BIOS - U46	1.58_01-13-2022	v1.58 (01/13/2022)	更新
22	Online ROM Flash Component for Windows x64 - System ROM U60	cp050015.exe	System BIOS - U60	1.54_01-13-2022	v1.54 (01/13/2022)	新規追加
23	Online ROM Flash Component for Windows x64 - System ROM U61	cp050010.exe	System BIOS - U61	1.54_01-13-2022	v1.54 (01/13/2022)	新規追加
24	ROM Flash Firmware Package - System ROM U30	OEM.U30_2.62_03_08_2022.fwpkg	System BIOS - U30	2.62_03-08-2022	v2.62 (03/08/2022)	更新
25	ROM Flash Firmware Package - System ROM U32	OEM.U32_2.62_03_08_2022.fwpkg	System BIOS - U32	2.62_03-08-2022	v2.62 (03/08/2022)	更新
26	ROM Flash Firmware Package - System ROM U34	OEM.U34_2.62_03_08_2022.fwpkg	System BIOS - U34	2.62_03-08-2022	v2.62 (03/08/2022)	更新
27	ROM Flash Firmware Package - System ROM U41	OEM.U41_2.62_03_08_2022.fwpkg	System BIOS - U41	2.62_03-08-2022	v2.62 (03/08/2022)	更新
28	ROM Flash Firmware Package - System ROM U43	OEM.U43_2.56_01_20_2022.fwpkg	System BIOS - U43	2.56_01-20-2022	v2.56 (01/20/2022)	更新
29	ROM Flash Firmware Package - System ROM U44	OEM.U44_2.56_01_20_2022.fwpkg	System BIOS - U44	2.56_01-20-2022	v2.56 (01/20/2022)	更新
30	ROM Flash Firmware Package - System ROM U46	OEM.U46_1.58_01_13_2022.fwpkg	System BIOS - U46	1.58_01-13-2022	v1.58 (01/13/2022)	更新
31	ROM Flash Firmware Package - System ROM U60	OEM.U60_1.54_01_13_2022.fwpkg	System BIOS - U60	1.54_01-13-2022	v1.54 (01/13/2022)	新規追加
32	ROM Flash Firmware Package - System ROM U61	OEM.U61_1.54_01_13_2022.fwpkg	System BIOS - U61	1.54_01-13-2022	v1.54 (01/13/2022)	新規追加

6.2.3 Driver – Chipset

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
33	Identifiers for Intel Xeon E-22xx Processor for Microsoft Windows	cp050604.exe	-	10.1.18807.8279	10.1.18807.8279	更新
34	Identifiers for Intel Xeon E-23xx Processor for Microsoft Windows	cp050605.exe	-	10.1.18807.8279	10.1.18807.8279	更新
35	Identifiers for Intel Xeon Scalable Processors (First and Second Generation) for Microsoft Windows	cp050589.exe	-	10.1.18807.8279 (B)	10.1.18807.8279 (B)	更新
36	Identifiers for Intel Xeon Scalable Processors (Third Generation) for Microsoft Windows	cp050590.exe	-	10.1.18807.8279	10.1.18807.8279	更新

6.2.4 Driver – Network

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
37	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2019	cp047541.exe	BCM 57414 10/25GbE 2p SFP28 Adptr	219.0.44.0	219.0.44.0	新規追加
38	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2019	cp047541.exe	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	219.0.44.0	219.0.44.0	新規追加
39	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2019	cp047541.exe	BCM 57416 10GbE 2p BASE-T Adptr	219.0.44.0	219.0.44.0	新規追加
40	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2019	cp047541.exe	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	219.0.44.0	219.0.44.0	新規追加

41	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2019	cp047541.exe	BCM 57412 10GbE 2p SFP+ Adptr	219.0.44.0	219.0.44.0	新規追加
42	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2019	cp047541.exe	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	219.0.44.0	219.0.44.0	新規追加
43	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp047542.exe	BCM 57414 10/25GbE 2p SFP28 Adptr	219.0.44.0	219.0.44.0	新規追加
44	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp047542.exe	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	219.0.44.0	219.0.44.0	新規追加
45	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp047542.exe	BCM 57416 10GbE 2p BASE-T Adptr	219.0.44.0	219.0.44.0	新規追加
46	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp047542.exe	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	219.0.44.0	219.0.44.0	新規追加
47	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp047542.exe	BCM 57412 10GbE 2p SFP+ Adptr	219.0.44.0	219.0.44.0	新規追加
48	Broadcom NetXtreme-E Driver for Microsoft Windows Server 2022	cp047542.exe	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	219.0.44.0	219.0.44.0	新規追加
49	Broadcom NetXtreme-E Driver for Windows Server 2016	cp045254.exe	BCM 57414 10/25GbE 2p SFP28 Adptr	218.0.32.0	218.0.32.0	新規追加
50	Broadcom NetXtreme-E Driver for Windows Server 2016	cp045254.exe	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	218.0.32.0	218.0.32.0	新規追加
51	Broadcom NetXtreme-E Driver for Windows Server 2016	cp045254.exe	BCM 57416 10GbE 2p BASE-T Adptr	218.0.32.0	218.0.32.0	
52	Broadcom NetXtreme-E Driver for Windows Server 2016	cp045254.exe	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	218.0.32.0	218.0.32.0	
53	Broadcom NetXtreme-E Driver for Windows Server 2016	cp045254.exe	BCM 57412 10GbE 2p SFP+ Adptr	218.0.32.0	218.0.32.0	
54	Broadcom NetXtreme-E Driver for Windows Server 2016	cp045254.exe	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	218.0.32.0	218.0.32.0	
55	Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp048940.exe	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	219.0.1.0	219.0.1.0	新規追加
56	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp047875.exe	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	219.0.44.0	219.0.44.0	更新
57	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp047875.exe	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	219.0.44.0	219.0.44.0	更新
58	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp047875.exe	HPE Ethernet 10Gb 2-port 535T Adapter	219.0.44.0	219.0.44.0	更新
59	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp047875.exe	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	219.0.44.0	219.0.44.0	更新
60	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp047875.exe	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	219.0.44.0	219.0.44.0	更新

61	HPE Broadcom NetXtreme-E Driver for Windows Server 2019	cp047875.exe	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	219.0.44.0	219.0.44.0	更新
62	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp047876.exe	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	219.0.44.0	219.0.44.0	新規追加
63	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp047876.exe	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	219.0.44.0	219.0.44.0	新規追加
64	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp047876.exe	HPE Ethernet 10Gb 2-port 535T Adapter	219.0.44.0	219.0.44.0	新規追加
65	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp047876.exe	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	219.0.44.0	219.0.44.0	新規追加
66	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp047876.exe	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	219.0.44.0	219.0.44.0	新規追加
67	HPE Broadcom NetXtreme-E Driver for Windows Server 2022	cp047876.exe	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	219.0.44.0	219.0.44.0	新規追加
68	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u8.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u8	更新
69	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u8.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u8	更新
70	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u8.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u8	新規追加
71	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u8.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u8	新規追加
72	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u8.x86_64.rpm	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u8	更新
73	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u8.x86_64.rpm	HPE Ethernet 10Gb 2-port 535T Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u8	更新
74	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u8.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u8	更新
75	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u8.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u8	更新
76	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u8.x86_64.rpm	BCM 57416 10GbE 2p BASE-T Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u8	更新
77	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u8.x86_64.rpm	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u8	更新
78	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u9	更新
79	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u9	更新

80	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u9.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u9	新規追加
81	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u9.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u9	新規追加
82	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u9	更新
83	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 535T Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u9	更新
84	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u9	更新
85	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u9	更新
86	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u9.x86_64.rpm	BCM 57416 10GbE 2p BASE-T Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u9	更新
87	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u9.x86_64.rpm	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u9	更新
88	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u9.x86_64.rpm	BCM 57412 10GbE 2p SFP+ Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u9	更新
89	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7	kmod-bnxt_en-1.10.2-219.0.55.0.rhel7u9.x86_64.rpm	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel7u9	更新
90	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u3.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u3	更新
91	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u3.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u3	更新
92	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u3.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u3	新規追加
93	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u3.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u3	新規追加
94	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u3.x86_64.rpm	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u3	更新
95	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u3.x86_64.rpm	HPE Ethernet 10Gb 2-port 535T Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u3	更新
96	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u3.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u3	更新
97	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u3.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u3	更新
98	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u3.x86_64.rpm	BCM 57416 10GbE 2p BASE-T Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u3	更新
99	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u3.x86_64.rpm	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u3	更新

100	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u3.x86_64.rpm	BCM 57412 10GbE 2p SFP+ Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u3	更新
101	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u3.x86_64.rpm	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u3	更新
102	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u4	更新
103	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u4	更新
104	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u4.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u4	新規追加
105	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u4.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u4	新規追加
106	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u4	更新
107	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 535T Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u4	更新
108	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u4	更新
109	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u4	更新
110	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u4.x86_64.rpm	BCM 57416 10GbE 2p BASE-T Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u4	更新
111	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u4.x86_64.rpm	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u4	更新
112	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u4.x86_64.rpm	BCM 57412 10GbE 2p SFP+ Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u4	更新
113	HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 8	kmod-bnxt_en-1.10.2-219.0.55.0.rhel8u4.x86_64.rpm	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	1.10.2-219.0.55.0	1.10.2-219.0.55.0.rhel8u4	更新
114	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.5	cp049059.zip	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	2021.09.04	218.0.38.0-10EM.650.0.0.4598673	更新
115	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.5	cp049059.zip	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	2021.09.04	218.0.38.0-10EM.650.0.0.4598673	更新
116	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.5	cp049059.zip	BCM 57414 10/25GbE 2p SFP28 Adptr	2021.09.04	218.0.38.0-10EM.650.0.0.4598673	新規追加
117	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.5	cp049059.zip	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	2021.09.04	218.0.38.0-10EM.650.0.0.4598673	新規追加
118	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.5	cp049059.zip	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	2021.09.04	218.0.38.0-10EM.650.0.0.4598673	更新
119	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.5	cp049059.zip	HPE Ethernet 10Gb 2-port 535T Adapter	2021.09.04	218.0.38.0-10EM.650.0.0.4598673	更新

120	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.5	cp049059.zip	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	2021.09.04	218.0.38.0-10EM.650.0.0.4598673	更新
121	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.5	cp049059.zip	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	2021.09.04	218.0.38.0-10EM.650.0.0.4598673	更新
122	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7	cp047899.zip	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	2021.09.04	219.0.29.0-10EM.670.0.0.8169922	更新
123	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7	cp047899.zip	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	2021.09.04	219.0.29.0-10EM.670.0.0.8169922	更新
124	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7	cp047899.zip	BCM 57414 10/25GbE 2p SFP28 Adptr	2021.09.04	219.0.29.0-10EM.670.0.0.8169922	新規追加
125	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7	cp047899.zip	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	2021.09.04	219.0.29.0-10EM.670.0.0.8169922	新規追加
126	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7	cp047899.zip	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	2021.09.04	219.0.29.0-10EM.670.0.0.8169922	更新
127	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7	cp047899.zip	HPE Ethernet 10Gb 2-port 535T Adapter	2021.09.04	219.0.29.0-10EM.670.0.0.8169922	更新
128	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7	cp047899.zip	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	2021.09.04	219.0.29.0-10EM.670.0.0.8169922	更新
129	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7	cp047899.zip	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	2021.09.04	219.0.29.0-10EM.670.0.0.8169922	更新
130	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7	cp047899.zip	BCM 57416 10GbE 2p BASE-T Adptr	2021.09.04	219.0.29.0-10EM.670.0.0.8169922	更新
131	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7	cp047899.zip	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	2021.09.04	219.0.29.0-10EM.670.0.0.8169922	更新
132	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7	cp047899.zip	BCM 57412 10GbE 2p SFP+ Adptr	2021.09.04	219.0.29.0-10EM.670.0.0.8169922	更新
133	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7	cp047899.zip	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	2021.09.04	219.0.29.0-10EM.670.0.0.8169922	更新
134	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp047900.zip	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	2021.09.04	219.0.29.0-10EM.700.1.0.15843807	更新
135	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp047900.zip	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	2021.09.04	219.0.29.0-10EM.700.1.0.15843807	更新
136	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp047900.zip	BCM 57414 10/25GbE 2p SFP28 Adptr	2021.09.04	219.0.29.0-10EM.700.1.0.15843807	新規追加
137	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp047900.zip	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	2021.09.04	219.0.29.0-10EM.700.1.0.15843807	新規追加
138	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp047900.zip	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	2021.09.04	219.0.29.0-10EM.700.1.0.15843807	更新
139	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp047900.zip	HPE Ethernet 10Gb 2-port 535T Adapter	2021.09.04	219.0.29.0-10EM.700.1.0.15843807	更新

140	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp047900.zip	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	2021.09.04	219.0.29.0-10EM.700.1.0.15843807	更新
141	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp047900.zip	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	2021.09.04	219.0.29.0-10EM.700.1.0.15843807	更新
142	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp047900.zip	BCM 57416 10GbE 2p BASE-T Adptr	2021.09.04	219.0.29.0-10EM.700.1.0.15843807	更新
143	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp047900.zip	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	2021.09.04	219.0.29.0-10EM.700.1.0.15843807	更新
144	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp047900.zip	BCM 57412 10GbE 2p SFP+ Adptr	2021.09.04	219.0.29.0-10EM.700.1.0.15843807	更新
145	HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0	cp047900.zip	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	2021.09.04	219.0.29.0-10EM.700.1.0.15843807	更新
146	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 8	libbnxt_re-219.0.8.0-rhel7u8.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	219.0.8.0	219.0.8.0	更新
147	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 8	libbnxt_re-219.0.8.0-rhel7u8.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	219.0.8.0	219.0.8.0	更新
148	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 8	libbnxt_re-219.0.8.0-rhel7u8.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 Adptr	219.0.8.0	219.0.8.0	新規追加
149	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 8	libbnxt_re-219.0.8.0-rhel7u8.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	219.0.8.0	219.0.8.0	新規追加
150	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 8	libbnxt_re-219.0.8.0-rhel7u8.x86_64.rpm	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	219.0.8.0	219.0.8.0	更新
151	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 8	libbnxt_re-219.0.8.0-rhel7u8.x86_64.rpm	HPE Ethernet 10Gb 2-port 535T Adapter	219.0.8.0	219.0.8.0	更新
152	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 8	libbnxt_re-219.0.8.0-rhel7u8.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	219.0.8.0	219.0.8.0	更新
153	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 8	libbnxt_re-219.0.8.0-rhel7u8.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	219.0.8.0	219.0.8.0	更新
154	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 8	libbnxt_re-219.0.8.0-rhel7u8.x86_64.rpm	BCM 57416 10GbE 2p BASE-T Adptr	219.0.8.0	219.0.8.0	更新
155	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 8	libbnxt_re-219.0.8.0-rhel7u8.x86_64.rpm	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	219.0.8.0	219.0.8.0	更新
156	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 9	libbnxt_re-219.0.8.0-rhel7u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	219.0.8.0	219.0.8.0	更新
157	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 9	libbnxt_re-219.0.8.0-rhel7u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	219.0.8.0	219.0.8.0	更新
158	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 9	libbnxt_re-219.0.8.0-rhel7u9.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 Adptr	219.0.8.0	219.0.8.0	新規追加
159	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 9	libbnxt_re-219.0.8.0-rhel7u9.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	219.0.8.0	219.0.8.0	新規追加

160	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 9	libbnxt_re-219.0.8.0-rhel7u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	219.0.8.0	219.0.8.0	更新
161	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 9	libbnxt_re-219.0.8.0-rhel7u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 535T Adapter	219.0.8.0	219.0.8.0	更新
162	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 9	libbnxt_re-219.0.8.0-rhel7u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	219.0.8.0	219.0.8.0	更新
163	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 9	libbnxt_re-219.0.8.0-rhel7u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	219.0.8.0	219.0.8.0	更新
164	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 9	libbnxt_re-219.0.8.0-rhel7u9.x86_64.rpm	BCM 57416 10GbE 2p BASE-T Adptr	219.0.8.0	219.0.8.0	更新
165	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 9	libbnxt_re-219.0.8.0-rhel7u9.x86_64.rpm	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	219.0.8.0	219.0.8.0	更新
166	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 9	libbnxt_re-219.0.8.0-rhel7u9.x86_64.rpm	BCM 57412 10GbE 2p SFP+ Adptr	219.0.8.0	219.0.8.0	更新
167	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 9	libbnxt_re-219.0.8.0-rhel7u9.x86_64.rpm	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	219.0.8.0	219.0.8.0	更新
168	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 3.	libbnxt_re-218.0.7.0-rhel8u3.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	218.0.7.0	218.0.7.0	
169	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 3.	libbnxt_re-218.0.7.0-rhel8u3.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	218.0.7.0	218.0.7.0	
170	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 3.	libbnxt_re-218.0.7.0-rhel8u3.x86_64.rpm	HPE Ethernet 10Gb 2-port 535T Adapter	218.0.7.0	218.0.7.0	
171	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 3.	libbnxt_re-218.0.7.0-rhel8u3.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	218.0.7.0	218.0.7.0	
172	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 3.	libbnxt_re-218.0.7.0-rhel8u3.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	218.0.7.0	218.0.7.0	
173	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 3.	libbnxt_re-218.0.7.0-rhel8u3.x86_64.rpm	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	218.0.7.0	218.0.7.0	
174	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 4.	libbnxt_re-219.0.8.0-rhel8u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	219.0.8.0 (B)	219.0.8.0	新規追加
175	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 4.	libbnxt_re-219.0.8.0-rhel8u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	219.0.8.0 (B)	219.0.8.0	新規追加
176	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 4.	libbnxt_re-219.0.8.0-rhel8u4.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 Adptr	219.0.8.0 (B)	219.0.8.0	新規追加
177	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 4.	libbnxt_re-219.0.8.0-rhel8u4.x86_64.rpm	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	219.0.8.0 (B)	219.0.8.0	新規追加
178	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 4.	libbnxt_re-219.0.8.0-rhel8u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	219.0.8.0 (B)	219.0.8.0	新規追加
179	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 4.	libbnxt_re-219.0.8.0-rhel8u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 535T Adapter	219.0.8.0 (B)	219.0.8.0	新規追加

180	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 4.	libbnxt_re-219.0.8.0-rhel8u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	219.0.8.0 (B)	219.0.8.0	新規追加
181	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 4.	libbnxt_re-219.0.8.0-rhel8u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	219.0.8.0 (B)	219.0.8.0	新規追加
182	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 4.	libbnxt_re-219.0.8.0-rhel8u4.x86_64.rpm	BCM 57416 10GbE 2p BASE-T Adptr	219.0.8.0 (B)	219.0.8.0	新規追加
183	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 4.	libbnxt_re-219.0.8.0-rhel8u4.x86_64.rpm	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	219.0.8.0 (B)	219.0.8.0	新規追加
184	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 4.	libbnxt_re-219.0.8.0-rhel8u4.x86_64.rpm	BCM 57412 10GbE 2p SFP+ Adptr	219.0.8.0 (B)	219.0.8.0	新規追加
185	HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 8 Update 4.	libbnxt_re-219.0.8.0-rhel8u4.x86_64.rpm	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	219.0.8.0 (B)	219.0.8.0	新規追加
186	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp047793.exe	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	219.0.1.0	219.0.1.0	更新
187	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp047793.exe	HP Ethernet 1Gb 2-port 332T Adapter	219.0.1.0	219.0.1.0	更新
188	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp047793.exe	HP Ethernet 1Gb 4-port 331FLR Adapter	219.0.1.0	219.0.1.0	更新
189	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp047793.exe	HP Ethernet 1Gb 4-port 331T Adapter	219.0.1.0	219.0.1.0	更新
190	HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions	cp047793.exe	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	219.0.1.0	219.0.1.0	更新
191	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.139b-1.rhel7u8.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	3.139b-1	3.139b-1.rhel7u8	
192	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.139b-1.rhel7u8.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	3.139b-1	3.139b-1.rhel7u8	
193	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.139b-1.rhel7u8.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	3.139b-1	3.139b-1.rhel7u8	
194	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.139b-1.rhel7u8.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	3.139b-1	3.139b-1.rhel7u8	
195	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.139b-1.rhel7u8.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	3.139b-1	3.139b-1.rhel7u8	
196	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.139b-1.rhel7u9.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	3.139b-1	3.139b-1.rhel7u9	
197	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.139b-1.rhel7u9.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	3.139b-1	3.139b-1.rhel7u9	
198	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.139b-1.rhel7u9.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	3.139b-1	3.139b-1.rhel7u9	
199	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.139b-1.rhel7u9.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	3.139b-1	3.139b-1.rhel7u9	
200	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-tg3-3.139b-1.rhel7u9.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	3.139b-1	3.139b-1.rhel7u9	
201	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise	kmod-tg3-3.139b-1.rhel8u3.x86_64.rpm	HP Ethernet 1Gb 2-port 332i	3.139b-1 (B)	3.139b-1.rhel8u3	更新

	Linux 8		Adapter (22E8)			
202	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139b-1.rhel8u3.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	3.139b-1 (B)	3.139b-1.rhel8u3	更新
203	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139b-1.rhel8u3.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	3.139b-1 (B)	3.139b-1.rhel8u3	更新
204	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139b-1.rhel8u3.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	3.139b-1 (B)	3.139b-1.rhel8u3	更新
205	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139b-1.rhel8u3.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	3.139b-1 (B)	3.139b-1.rhel8u3	更新
206	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139b-1.rhel8u3.x86_64.rpm	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	3.139b-1 (B)	3.139b-1.rhel8u3	新規追加
207	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139b-1.rhel8u4.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	3.139b-1 (B)	3.139b-1.rhel8u4	更新
208	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139b-1.rhel8u4.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	3.139b-1 (B)	3.139b-1.rhel8u4	更新
209	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139b-1.rhel8u4.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	3.139b-1 (B)	3.139b-1.rhel8u4	更新
210	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139b-1.rhel8u4.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	3.139b-1 (B)	3.139b-1.rhel8u4	更新
211	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139b-1.rhel8u4.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	3.139b-1 (B)	3.139b-1.rhel8u4	更新
212	HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 8	kmod-tg3-3.139b-1.rhel8u4.x86_64.rpm	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	3.139b-1 (B)	3.139b-1.rhel8u4	新規追加
213	HPE Intel E1R Driver for Windows Server 2016	cp047043.exe	HPE Ethernet 1Gb 2-port 361T Adapter	12.16.4.1	12.16.4.1	
214	HPE Intel E1R Driver for Windows Server 2016	cp047043.exe	HPE Ethernet 1Gb 4-port 366FLR Adapter	12.16.4.1	12.16.4.1	
215	HPE Intel E1R Driver for Windows Server 2016	cp047043.exe	HPE Ethernet 1Gb 4-port 366T Adapter	12.16.4.1	12.16.4.1	
216	HPE Intel E1R Driver for Windows Server 2019	cp047044.exe	HPE Ethernet 1Gb 2-port 361T Adapter	12.18.12.1	12.18.12.1	
217	HPE Intel E1R Driver for Windows Server 2019	cp047044.exe	HPE Ethernet 1Gb 4-port 366FLR Adapter	12.18.12.1	12.18.12.1	
218	HPE Intel E1R Driver for Windows Server 2019	cp047044.exe	HPE Ethernet 1Gb 4-port 366T Adapter	12.18.12.1	12.18.12.1	
219	HPE Intel E1R Driver for Windows Server 2022	cp049621.exe	HPE Ethernet 1Gb 2-port 361T Adapter	13.0.9.0	13.0.9.0	新規追加
220	HPE Intel E1R Driver for Windows Server 2022	cp049621.exe	HPE Ethernet 1Gb 4-port 366FLR Adapter	13.0.9.0	13.0.9.0	新規追加
221	HPE Intel E1R Driver for Windows Server 2022	cp049621.exe	HPE Ethernet 1Gb 4-port 366T Adapter	13.0.9.0	13.0.9.0	新規追加
222	HPE Intel i40e Drivers for Red	kmod-hp-i40e-2.17.4-	HPE Ethernet 1Gb	2.17.4-1	2.17.4-	更新

	Hat Enterprise Linux 7 x86_64	1.rhel7u8.x86_64.rpm	4-port 369i Adapter		1.rhel7u8	
223	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.17.4-1.rhel7u8.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.17.4-1	2.17.4-1.rhel7u8	更新
224	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.17.4-1.rhel7u8.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.17.4-1	2.17.4-1.rhel7u8	更新
225	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.17.4-1.rhel7u9.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	2.17.4-1	2.17.4-1.rhel7u9	更新
226	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.17.4-1.rhel7u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.17.4-1	2.17.4-1.rhel7u9	更新
227	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.17.4-1.rhel7u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.17.4-1	2.17.4-1.rhel7u9	更新
228	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.17.4-1.rhel7u9.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	2.17.4-1	2.17.4-1.rhel7u9	更新
229	HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-i40e-2.17.4-1.rhel7u9.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	2.17.4-1	2.17.4-1.rhel7u9	更新
230	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.17.4-1.rhel8u4.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	2.17.4-1	2.17.4-1.rhel8u4	更新
231	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.17.4-1.rhel8u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2.17.4-1	2.17.4-1.rhel8u4	更新
232	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.17.4-1.rhel8u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2.17.4-1	2.17.4-1.rhel8u4	更新
233	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.17.4-1.rhel8u4.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	2.17.4-1	2.17.4-1.rhel8u4	更新
234	HPE Intel i40e Drivers for Red Hat Enterprise Linux 8	kmod-hp-i40e-2.17.4-1.rhel8u4.x86_64.rpm	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	2.17.4-1	2.17.4-1.rhel8u4	更新
235	HPE Intel i40ea Driver for Windows Server 2016	cp047045.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.16.62.0	1.16.62.0	更新
236	HPE Intel i40ea Driver for Windows Server 2016	cp047045.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.16.62.0	1.16.62.0	更新
237	HPE Intel i40ea Driver for Windows Server 2019	cp047046.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.16.62.0	1.16.62.0	更新
238	HPE Intel i40ea Driver for Windows Server 2019	cp047046.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.16.62.0	1.16.62.0	更新
239	HPE Intel i40ea Driver for Windows Server 2022	cp049616.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.16.139.0	1.16.139.0	新規追加
240	HPE Intel i40ea Driver for Windows Server 2022	cp049616.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.16.139.0	1.16.139.0	新規追加

241	HPE Intel i40eb Driver for Windows Server 2016	cp047047.exe	HPE Ethernet 1Gb 4-port 369i Adapter	1.16.62.0	1.16.62.0	更新
242	HPE Intel i40eb Driver for Windows Server 2019	cp047048.exe	HPE Ethernet 1Gb 4-port 369i Adapter	1.16.62.0	1.16.62.0	更新
243	HPE Intel i40eb Driver for Windows Server 2022	cp049617.exe	HPE Ethernet 1Gb 4-port 369i Adapter	1.16.141.0	1.16.141.0	新規追加
244	HPE Intel i40en Driver for VMware vSphere 6.5	cp049058.zip	HPE Ethernet 1Gb 4-port 369i Adapter	2021.12.00	1.14.3.0-1OEM.650.0.0.4598673	更新
245	HPE Intel i40en Driver for VMware vSphere 6.5	cp049058.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2021.12.00	1.14.3.0-1OEM.650.0.0.4598673	更新
246	HPE Intel i40en Driver for VMware vSphere 6.5	cp049058.zip	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2021.12.00	1.14.3.0-1OEM.650.0.0.4598673	更新
247	HPE Intel i40en Driver for VMware vSphere 6.7	cp047109.zip	HPE Ethernet 1Gb 4-port 369i Adapter	2021.12.00	1.14.3.0-1OEM.670.0.0.8169922	更新
248	HPE Intel i40en Driver for VMware vSphere 6.7	cp047109.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2021.12.00	1.14.3.0-1OEM.670.0.0.8169922	更新
249	HPE Intel i40en Driver for VMware vSphere 6.7	cp047109.zip	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2021.12.00	1.14.3.0-1OEM.670.0.0.8169922	更新
250	HPE Intel i40en Driver for VMware vSphere 6.7	cp047109.zip	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	2021.12.00	1.14.3.0-1OEM.670.0.0.8169922	更新
251	HPE Intel i40en Driver for VMware vSphere 6.7	cp047109.zip	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	2021.12.00	1.14.3.0-1OEM.670.0.0.8169922	更新
252	HPE Intel i40en Driver for VMware vSphere 7.0	cp045338.zip	HPE Ethernet 1Gb 4-port 369i Adapter	2021.12.00	2.1.5.0-1OEM.700.1.0.15843807	更新
253	HPE Intel i40en Driver for VMware vSphere 7.0	cp045338.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	2021.12.00	2.1.5.0-1OEM.700.1.0.15843807	更新
254	HPE Intel i40en Driver for VMware vSphere 7.0	cp045338.zip	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	2021.12.00	2.1.5.0-1OEM.700.1.0.15843807	更新
255	HPE Intel i40en Driver for VMware vSphere 7.0	cp045338.zip	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	2021.12.00	2.1.5.0-1OEM.700.1.0.15843807	更新
256	HPE Intel i40en Driver for VMware vSphere 7.0	cp045338.zip	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	2021.12.00	2.1.5.0-1OEM.700.1.0.15843807	更新
257	HPE Intel iavf Driver for Windows Server 2016	cp045011.exe	-	1.12.9.0	1.12.9.0	
258	HPE Intel iavf Driver for Windows Server 2019	cp045010.exe	-	1.12.9.0	1.12.9.0	
259	HPE Intel iavf Driver for Windows Server 2022	cp049687.exe	-	1.13.8.0	1.13.8.0	新規追加
260	HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-iavf-4.2.7-1.rhel7u8.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	4.2.7-1	4.2.7-1.rhel7u8	
261	HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-iavf-4.2.7-1.rhel7u8.x86_64.rpm	HPE Ethernet 10Gb 2-port	4.2.7-1	4.2.7-1.rhel7u8	

			562FLR-SFP+ Adapter			
262	HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-iavf-4.2.7-1.rhel7u8.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	4.2.7-1	4.2.7-1.rhel7u8	
263	HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-iavf-4.2.7-1.rhel7u8.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	4.2.7-1	4.2.7-1.rhel7u8	
264	HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-iavf-4.2.7-1.rhel7u8.x86_64.rpm	Intel E810-XXVDA2 adapter	4.2.7-1	4.2.7-1.rhel7u8	
265	HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-iavf-4.2.7-1.rhel7u8.x86_64.rpm	Intel E810-XXVDA2 OCP3 adapter	4.2.7-1	4.2.7-1.rhel7u8	
266	HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-iavf-4.2.7-1.rhel7u8.x86_64.rpm	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	4.2.7-1	4.2.7-1.rhel7u8	
267	HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-iavf-4.2.7-1.rhel7u9.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	4.2.7-1	4.2.7-1.rhel7u9	
268	HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-iavf-4.2.7-1.rhel7u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	4.2.7-1	4.2.7-1.rhel7u9	
269	HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-iavf-4.2.7-1.rhel7u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	4.2.7-1	4.2.7-1.rhel7u9	
270	HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-iavf-4.2.7-1.rhel7u9.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	4.2.7-1	4.2.7-1.rhel7u9	
271	HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-iavf-4.2.7-1.rhel7u9.x86_64.rpm	Intel E810-XXVDA2 adapter	4.2.7-1	4.2.7-1.rhel7u9	
272	HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-iavf-4.2.7-1.rhel7u9.x86_64.rpm	Intel E810-XXVDA2 OCP3 adapter	4.2.7-1	4.2.7-1.rhel7u9	
273	HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-iavf-4.2.7-1.rhel7u9.x86_64.rpm	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	4.2.7-1	4.2.7-1.rhel7u9	
274	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.2.7-1.rhel8u4.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	4.2.7-1	4.2.7-1.rhel8u4	
275	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.2.7-1.rhel8u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	4.2.7-1	4.2.7-1.rhel8u4	
276	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.2.7-1.rhel8u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	4.2.7-1	4.2.7-1.rhel8u4	
277	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.2.7-1.rhel8u4.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	4.2.7-1	4.2.7-1.rhel8u4	
278	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.2.7-1.rhel8u4.x86_64.rpm	Intel E810-XXVDA2 adapter	4.2.7-1	4.2.7-1.rhel8u4	
279	HPE Intel iavf Drivers for Red Hat Enterprise Linux 8	kmod-hp-iavf-4.2.7-1.rhel8u4.x86_64.rpm	Intel E810-XXVDA2 OCP3 adapter	4.2.7-1	4.2.7-1.rhel8u4	
280	HPE Intel iavf Drivers for Red	kmod-hp-iavf-4.2.7-	Intel E810-	4.2.7-1	4.2.7-	

	Hat Enterprise Linux 8	1.rhel8u4.x86_64.rpm	XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE		1.rhel8u4	
281	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-6.8.5-2.rhel7u8.x86_64.rpm	HPE Ethernet 1Gb 2-port 361T Adapter	6.8.5-2	6.8.5-2.rhel7u8	更新
282	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-6.8.5-2.rhel7u8.x86_64.rpm	HPE Ethernet 1Gb 4-port 366FLR Adapter	6.8.5-2	6.8.5-2.rhel7u8	更新
283	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-6.8.5-2.rhel7u8.x86_64.rpm	HPE Ethernet 1Gb 4-port 366T Adapter	6.8.5-2	6.8.5-2.rhel7u8	更新
284	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-6.8.5-2.rhel7u9.x86_64.rpm	HPE Ethernet 1Gb 2-port 361T Adapter	6.8.5-2	6.8.5-2.rhel7u9	更新
285	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-6.8.5-2.rhel7u9.x86_64.rpm	HPE Ethernet 1Gb 4-port 366FLR Adapter	6.8.5-2	6.8.5-2.rhel7u9	更新
286	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-6.8.5-2.rhel7u9.x86_64.rpm	HPE Ethernet 1Gb 4-port 366T Adapter	6.8.5-2	6.8.5-2.rhel7u9	更新
287	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-6.8.5-2.rhel7u9.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	6.8.5-2	6.8.5-2.rhel7u9	更新
288	HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-igb-6.8.5-2.rhel7u9.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	6.8.5-2	6.8.5-2.rhel7u9	更新
289	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.8.5-2.rhel8u3.x86_64.rpm	HPE Ethernet 1Gb 2-port 361T Adapter	6.8.5-2	6.8.5-2.rhel8u3	更新
290	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.8.5-2.rhel8u3.x86_64.rpm	HPE Ethernet 1Gb 4-port 366FLR Adapter	6.8.5-2	6.8.5-2.rhel8u3	更新
291	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.8.5-2.rhel8u3.x86_64.rpm	HPE Ethernet 1Gb 4-port 366T Adapter	6.8.5-2	6.8.5-2.rhel8u3	更新
292	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.8.5-2.rhel8u3.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	6.8.5-2	6.8.5-2.rhel8u3	更新
293	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.8.5-2.rhel8u3.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	6.8.5-2	6.8.5-2.rhel8u3	更新
294	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.8.5-2.rhel8u4.x86_64.rpm	HPE Ethernet 1Gb 2-port 361T Adapter	6.8.5-2	6.8.5-2.rhel8u4	更新
295	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.8.5-2.rhel8u4.x86_64.rpm	HPE Ethernet 1Gb 4-port 366FLR Adapter	6.8.5-2	6.8.5-2.rhel8u4	更新
296	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.8.5-2.rhel8u4.x86_64.rpm	HPE Ethernet 1Gb 4-port 366T Adapter	6.8.5-2	6.8.5-2.rhel8u4	更新
297	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.8.5-2.rhel8u4.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	6.8.5-2	6.8.5-2.rhel8u4	更新
298	HPE Intel igb Drivers for Red Hat Enterprise Linux 8	kmod-hp-igb-6.8.5-2.rhel8u4.x86_64.rpm	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	6.8.5-2	6.8.5-2.rhel8u4	更新
299	HPE Intel igbn Driver for VMware vSphere 6.5	cp049060.zip	HPE Ethernet 1Gb 2-port 361T	2021.09.04	1.5.2.0-1OEM.650.0.0	

			Adapter		.4598673	
300	HPE Intel igbn Driver for VMware vSphere 6.5	cp049060.zip	HPE Ethernet 1Gb 4-port 366FLR Adapter	2021.09.04	1.5.2.0-10EM.650.0.0.4598673	
301	HPE Intel igbn Driver for VMware vSphere 6.5	cp049060.zip	HPE Ethernet 1Gb 4-port 366T Adapter	2021.09.04	1.5.2.0-10EM.650.0.0.4598673	
302	HPE Intel igbn Driver for VMware vSphere 6.7	cp047110.zip	HPE Ethernet 1Gb 2-port 361T Adapter	2021.09.04	1.5.2.0-10EM.670.0.0.8169922	
303	HPE Intel igbn Driver for VMware vSphere 6.7	cp047110.zip	HPE Ethernet 1Gb 4-port 366FLR Adapter	2021.09.04	1.5.2.0-10EM.670.0.0.8169922	
304	HPE Intel igbn Driver for VMware vSphere 6.7	cp047110.zip	HPE Ethernet 1Gb 4-port 366T Adapter	2021.09.04	1.5.2.0-10EM.670.0.0.8169922	
305	HPE Intel igbn Driver for VMware vSphere 6.7	cp047110.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	2021.09.04	1.5.2.0-10EM.670.0.0.8169922	
306	HPE Intel igbn Driver for VMware vSphere 6.7	cp047110.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	2021.09.04	1.5.2.0-10EM.670.0.0.8169922	
307	HPE Intel igbn Driver for VMware vSphere 7.0	cp047111.zip	HPE Ethernet 1Gb 2-port 361T Adapter	2021.09.04	1.5.2.0-10EM.700.1.0.15843807	
308	HPE Intel igbn Driver for VMware vSphere 7.0	cp047111.zip	HPE Ethernet 1Gb 4-port 366FLR Adapter	2021.09.04	1.5.2.0-10EM.700.1.0.15843807	
309	HPE Intel igbn Driver for VMware vSphere 7.0	cp047111.zip	HPE Ethernet 1Gb 4-port 366T Adapter	2021.09.04	1.5.2.0-10EM.700.1.0.15843807	
310	HPE Intel igbn Driver for VMware vSphere 7.0	cp047111.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	2021.09.04	1.5.2.0-10EM.700.1.0.15843807	
311	HPE Intel igbn Driver for VMware vSphere 7.0	cp047111.zip	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	2021.09.04	1.5.2.0-10EM.700.1.0.15843807	
312	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbe-5.13.4-1.rhel7u8.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.13.4-1	5.13.4-1.rhel7u8	更新
313	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbe-5.13.4-1.rhel7u8.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	5.13.4-1	5.13.4-1.rhel7u8	更新
314	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbe-5.13.4-1.rhel7u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.13.4-1	5.13.4-1.rhel7u9	更新
315	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbe-5.13.4-1.rhel7u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	5.13.4-1	5.13.4-1.rhel7u9	更新
316	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbe-5.13.4-1.rhel8u3.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.13.4-1	5.13.4-1.rhel8u3	更新
317	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbe-5.13.4-1.rhel8u3.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	5.13.4-1	5.13.4-1.rhel8u3	更新
318	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbe-5.13.4-1.rhel8u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.13.4-1	5.13.4-1.rhel8u4	更新
319	HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbe-5.13.4-1.rhel8u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	5.13.4-1	5.13.4-1.rhel8u4	更新
320	HPE Intel ixgben Driver for	cp049117.zip	HPE Ethernet	2021.12.00	1.10.3.0-	更新

	VMware vSphere 6.5		10Gb 2-port 562FLR-T Adapter		1OEM.650.0.0 .4598673	
321	HPE Intel ixgben Driver for VMware vSphere 6.5	cp049117.zip	HPE Ethernet 10Gb 2-port 562T Adapter	2021.12.00	1.10.3.0- 1OEM.650.0.0 .4598673	更新
322	HPE Intel ixgben Driver for VMware vSphere 6.7	cp047114.zip	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	2021.12.00	1.10.3.0- 1OEM.670.0.0 .8169922	更新
323	HPE Intel ixgben Driver for VMware vSphere 6.7	cp047114.zip	HPE Ethernet 10Gb 2-port 562T Adapter	2021.12.00	1.10.3.0- 1OEM.670.0.0 .8169922	更新
324	HPE Intel ixgben Driver for VMware vSphere 7.0	cp047115.zip	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	2021.12.00	1.10.3.0- 1OEM.700.1.0 .15843807	更新
325	HPE Intel ixgben Driver for VMware vSphere 7.0	cp047115.zip	HPE Ethernet 10Gb 2-port 562T Adapter	2021.12.00	1.10.3.0- 1OEM.700.1.0 .15843807	更新
326	HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbev- 4.13.3- 1.rhel7u8.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.13.3-1	4.13.3- 1.rhel7u8	更新
327	HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbev- 4.13.3- 1.rhel7u8.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	4.13.3-1	4.13.3- 1.rhel7u8	更新
328	HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbev- 4.13.3- 1.rhel7u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.13.3-1	4.13.3- 1.rhel7u9	更新
329	HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-hp-ixgbev- 4.13.3- 1.rhel7u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	4.13.3-1	4.13.3- 1.rhel7u9	更新
330	HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbev- 4.13.3- 1.rhel8u3.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.13.3-1	4.13.3- 1.rhel8u3	更新
331	HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbev- 4.13.3- 1.rhel8u3.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	4.13.3-1	4.13.3- 1.rhel8u3	更新
332	HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbev- 4.13.3- 1.rhel8u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.13.3-1	4.13.3- 1.rhel8u4	更新
333	HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 8	kmod-hp-ixgbev- 4.13.3- 1.rhel8u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	4.13.3-1	4.13.3- 1.rhel8u4	更新
334	HPE Intel ixS Driver for Windows Server 2016	cp047050.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.1.239.0	4.1.239.0	更新
335	HPE Intel ixS Driver for Windows Server 2016	cp047050.exe	HPE Ethernet 10Gb 2-port 562T Adapter	4.1.239.0	4.1.239.0	更新
336	HPE Intel ixS Driver for Windows Server 2019	cp047051.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.1.239.0	4.1.239.0	更新
337	HPE Intel ixS Driver for Windows Server 2019	cp047051.exe	HPE Ethernet 10Gb 2-port 562T Adapter	4.1.239.0	4.1.239.0	更新
338	HPE Intel ixS Driver for Windows Server 2022	cp049619.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	4.1.246.0	4.1.246.0	新規追加
339	HPE Intel ixS Driver for Windows Server 2022	cp049619.exe	HPE Ethernet 10Gb 2-port 562T Adapter	4.1.246.0	4.1.246.0	新規追加
340	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2016	cp050319.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2.80.25134. 0	2.80.25134.0	更新
341	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2016	cp050319.exe	HPE Ethernet 25Gb 2-port 640SFP28	2.80.25134. 0	2.80.25134.0	更新

			Adapter			
342	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2016	cp050319.exe	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2.80.25134.0	2.80.25134.0	更新
343	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2019	cp050320.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2.80.25134.0	2.80.25134.0	更新
344	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2019	cp050320.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2.80.25134.0	2.80.25134.0	更新
345	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2019	cp050320.exe	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2.80.25134.0	2.80.25134.0	更新
346	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2022	cp050321.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2.80.25134.0	2.80.25134.0	新規追加
347	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2022	cp050321.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2.80.25134.0	2.80.25134.0	新規追加
348	HPE Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2022	cp050321.exe	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2.80.25134.0	2.80.25134.0	新規追加
349	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 7 Update 8 (x86_64)	kmod-kernel-mft-mlnx-4.18.0-1.rhel7u8.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	4.18	4.18.0-1.rhel7u8	更新
350	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 7 Update 8 (x86_64)	kmod-kernel-mft-mlnx-4.18.0-1.rhel7u8.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	4.18	4.18.0-1.rhel7u8	更新
351	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 7 Update 8 (x86_64)	mft-4.18.0-106.rhel7u8.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	4.18	4.18.0-106.rhel7u8	更新
352	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 7 Update 8 (x86_64)	mft-4.18.0-106.rhel7u8.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	4.18	4.18.0-106.rhel7u8	更新
353	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 7 Update 9 (x86_64)	kmod-kernel-mft-mlnx-4.18.0-1.rhel7u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	4.18	4.18.0-1.rhel7u9	更新
354	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 7 Update 9 (x86_64)	kmod-kernel-mft-mlnx-4.18.0-1.rhel7u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	4.18	4.18.0-1.rhel7u9	新規追加
355	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 7 Update 9 (x86_64)	kmod-kernel-mft-mlnx-4.18.0-1.rhel7u9.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	4.18	4.18.0-1.rhel7u9	更新
356	HPE Mellanox MFT Driver and	kmod-kernel-mft-mlnx-	HPE Ethernet	4.18	4.18.0-	更新

	Firmware Tools for Red Hat Enterprise Linux 7 Update 9 (x86_64)	4.18.0-1.rhel7u9.x86_64.rpm	100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter		1.rhel7u9	
357	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 7 Update 9 (x86_64)	kmod-kernel-mft-mlnx-4.18.0-1.rhel7u9.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	4.18	4.18.0-1.rhel7u9	更新
358	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 7 Update 9 (x86_64)	kmod-kernel-mft-mlnx-4.18.0-1.rhel7u9.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	4.18	4.18.0-1.rhel7u9	更新
359	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 7 Update 9 (x86_64)	mft-4.18.0-106.rhel7u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	4.18	4.18.0-106.rhel7u9	更新
360	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 7 Update 9 (x86_64)	mft-4.18.0-106.rhel7u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	4.18	4.18.0-106.rhel7u9	新規追加
361	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 7 Update 9 (x86_64)	mft-4.18.0-106.rhel7u9.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	4.18	4.18.0-106.rhel7u9	更新
362	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 7 Update 9 (x86_64)	mft-4.18.0-106.rhel7u9.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	4.18	4.18.0-106.rhel7u9	更新
363	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 7 Update 9 (x86_64)	mft-4.18.0-106.rhel7u9.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	4.18	4.18.0-106.rhel7u9	更新
364	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 7 Update 9 (x86_64)	mft-4.18.0-106.rhel7u9.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	4.18	4.18.0-106.rhel7u9	更新
365	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 8 Update 4 (x86_64)	kmod-kernel-mft-mlnx-4.18.0-1.rhel8u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	4.18	4.18.0-1.rhel8u4	更新
366	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 8 Update 4 (x86_64)	kmod-kernel-mft-mlnx-4.18.0-1.rhel8u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	4.18	4.18.0-1.rhel8u4	新規追加
367	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 8 Update 4 (x86_64)	kmod-kernel-mft-mlnx-4.18.0-1.rhel8u4.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	4.18	4.18.0-1.rhel8u4	更新
368	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 8 Update 4 (x86_64)	kmod-kernel-mft-mlnx-4.18.0-1.rhel8u4.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	4.18	4.18.0-1.rhel8u4	更新
369	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 8 Update 4 (x86_64)	kmod-kernel-mft-mlnx-4.18.0-1.rhel8u4.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	4.18	4.18.0-1.rhel8u4	更新
370	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 8 Update 4 (x86_64)	kmod-kernel-mft-mlnx-4.18.0-1.rhel8u4.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56	4.18	4.18.0-1.rhel8u4	更新

	(x86_64)		Adptr			
371	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 8 Update 4 (x86_64)	mft-4.18.0-106.rhel8u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	4.18	4.18.0-106.rhel8u4	更新
372	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 8 Update 4 (x86_64)	mft-4.18.0-106.rhel8u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	4.18	4.18.0-106.rhel8u4	新規追加
373	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 8 Update 4 (x86_64)	mft-4.18.0-106.rhel8u4.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	4.18	4.18.0-106.rhel8u4	更新
374	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 8 Update 4 (x86_64)	mft-4.18.0-106.rhel8u4.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	4.18	4.18.0-106.rhel8u4	更新
375	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 8 Update 4 (x86_64)	mft-4.18.0-106.rhel8u4.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	4.18	4.18.0-106.rhel8u4	更新
376	HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 8 Update 4 (x86_64)	mft-4.18.0-106.rhel8u4.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	4.18	4.18.0-106.rhel8u4	更新
377	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 8 (x86_64)	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u8.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	5.5	5.5	更新
378	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 8 (x86_64)	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u8.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	5.5	5.5	更新
379	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 8 (x86_64)	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u8.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	5.5	5.5	更新
380	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 8 (x86_64)	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u8.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	5.5	5.5	更新
381	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 8 (x86_64)	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u8.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	5.5	5.5	更新
382	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox	mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u8.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56	5.5	5.5	更新

	ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 8 (x86_64)		MCX623106AS-CDAT Adapter			
383	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 8 (x86_64)	mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u8.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	5.5	5.5	更新
384	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 8 (x86_64)	mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u8.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	5.5	5.5	更新
385	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 8 (x86_64)	mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u8.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	5.5	5.5	更新
386	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 8 (x86_64)	mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u8.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	5.5	5.5	更新
387	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 9 (x86_64)	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	5.5	5.5	更新
388	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 9 (x86_64)	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	5.5	5.5	新規追加
389	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 9 (x86_64)	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u9.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	5.5	5.5	更新
390	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 9 (x86_64)	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u9.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	5.5	5.5	更新
391	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u9.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	5.5	5.5	更新

	9 (x86_64)					
392	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 9 (x86_64)	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u9.x86_64.rpm	HPE Ethernet 25Gb 2-port 64QSFP28 Adapter	5.5	5.5	更新
393	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 9 (x86_64)	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u9.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	5.5	5.5	更新
394	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 9 (x86_64)	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u9.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	5.5	5.5	更新
395	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 9 (x86_64)	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u9.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	5.5	5.5	更新
396	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 9 (x86_64)	mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	5.5	5.5	更新
397	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 9 (x86_64)	mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u9.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	5.5	5.5	新規追加
398	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 9 (x86_64)	mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u9.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	5.5	5.5	更新
399	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 9 (x86_64)	mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u9.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	5.5	5.5	更新
400	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 9 (x86_64)	mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u9.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	5.5	5.5	更新
401	HPE Mellanox RoCE (RDMA over Converged Ethernet)	mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u	HPE Ethernet 25Gb 2-port	5.5	5.5	更新

	Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 9 (x86_64)	9.x86_64.rpm	640SFP28 Adapter			
402	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 9 (x86_64)	mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u9.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	5.5	5.5	更新
403	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 9 (x86_64)	mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u9.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	5.5	5.5	更新
404	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 7 Update 9 (x86_64)	mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel7u9.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	5.5	5.5	更新
405	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 8 Update 4 (x86_64)	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel8u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	5.5	5.5	更新
406	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 8 Update 4 (x86_64)	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel8u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	5.5	5.5	新規追加
407	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 8 Update 4 (x86_64)	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel8u4.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	5.5	5.5	更新
408	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 8 Update 4 (x86_64)	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel8u4.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	5.5	5.5	更新
409	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 8 Update 4 (x86_64)	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel8u4.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	5.5	5.5	更新
410	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel8u4.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	5.5	5.5	更新

	Hat Enterprise Linux 8 Update 4 (x86_64)					
411	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 8 Update 4 (x86_64)	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel8u4.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	5.5	5.5	更新
412	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 8 Update 4 (x86_64)	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel8u4.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	5.5	5.5	更新
413	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 8 Update 4 (x86_64)	kmod-mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel8u4.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	5.5	5.5	更新
414	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 8 Update 4 (x86_64)	mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel8u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	5.5	5.5	更新
415	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 8 Update 4 (x86_64)	mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel8u4.x86_64.rpm	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	5.5	5.5	新規追加
416	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 8 Update 4 (x86_64)	mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel8u4.x86_64.rpm	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	5.5	5.5	更新
417	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 8 Update 4 (x86_64)	mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel8u4.x86_64.rpm	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	5.5	5.5	更新
418	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 8 Update 4 (x86_64)	mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel8u4.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	5.5	5.5	更新
419	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 8 Update 4 (x86_64)	mlnx-ofa_kernel-5.5-OFED.5.5.1.0.3.1.rhel8u4.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	5.5	5.5	更新
420	HPE Mellanox RoCE (RDMA	mlnx-ofa_kernel-5.5-	HPE InfiniBand	5.5	5.5	更新

	over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 8 Update 4 (x86_64)	OFED.5.5.1.0.3.1.rhel8u 4.x86_64.rpm	EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter			
421	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 8 Update 4 (x86_64)	mlnx-ofa_kernel-5.5- OFED.5.5.1.0.3.1.rhel8u 4.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	5.5	5.5	更新
422	HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 Adapters for Red Hat Enterprise Linux 8 Update 4 (x86_64)	mlnx-ofa_kernel-5.5- OFED.5.5.1.0.3.1.rhel8u 4.x86_64.rpm	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	5.5	5.5	更新
423	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-qlgc-fastlinq- 8.55.15.0- 1.rhel7u8.x86_64.rpm	HPE 10GbE 2p BASE-T QL41401 Adptr(HPE Eth 10Gb 2p 521T Adptr)	8.55.15.0-1	8.55.15.0- 1.rhel7u8	更新
424	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-qlgc-fastlinq- 8.55.15.0- 1.rhel7u9.x86_64.rpm	HPE 10GbE 2p BASE-T QL41401 Adptr(HPE Eth 10Gb 2p 521T Adptr)	8.55.15.0-1	8.55.15.0- 1.rhel7u9	更新
425	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 8	kmod-qlgc-fastlinq- 8.55.15.0- 1.rhel8u4.x86_64.rpm	HPE 10GbE 2p BASE-T QL41401 Adptr(HPE Eth 10Gb 2p 521T Adptr)	8.55.15.0-1	8.55.15.0- 1.rhel8u4	更新
426	HPE QLogic FastLinQ 10/25/50 GbE Drivers for Windows Server x64 Editions	cp049989.exe	HPE 10GbE 2p BASE-T QL41401 Adptr(HPE Eth 10Gb 2p 521T Adptr)	8.58.20.0	8.58.20.0	更新
427	HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 6.5	cp049003.zip	HPE 10GbE 2p BASE-T QL41401 Adptr(HPE Eth 10Gb 2p 521T Adptr)	2021.09.04	3.11.16.0- 10EM.650.0.0 .4598673	
428	HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 6.7	cp050054.zip	HPE 10GbE 2p BASE-T QL41401 Adptr(HPE Eth 10Gb 2p 521T Adptr)	2022.03.23	2022.03.23	更新
429	HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 7.0	cp049986.zip	HPE 10GbE 2p BASE-T QL41401 Adptr(HPE Eth 10Gb 2p 521T Adptr)	2022.03.23	3.40.39.0- 10EM.700.1.0 .15843807	更新
430	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.5	cp047871.zip	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	2021.09.04	1.1.17.0- 10EM.650.0.0 .4598673	
431	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.5	cp047871.zip	HPE Ethernet 10Gb 2-port 530T Adapter	2021.09.04	1.1.17.0- 10EM.650.0.0 .4598673	
432	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.5	cp047871.zip	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	2021.09.04	1.1.17.0- 10EM.650.0.0 .4598673	
433	HPE QLogic NX2 10/20 GbE Multifunction Driver for	cp050055.zip	HPE Ethernet 10Gb 2-port	2022.03.23	1.1.22.0- 10EM.670.0.0	更新

	VMware vSphere 6.7		530SFP+ Adapter		.8169922	
434	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.7	cp050055.zip	HPE Ethernet 10Gb 2-port 530T Adapter	2022.03.23	1.1.22.0-10EM.670.0.0.8169922	更新
435	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.7	cp050055.zip	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	2022.03.23	1.1.22.0-10EM.670.0.0.8169922	更新
436	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 7.0	cp049987.zip	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	2022.03.23	1.4.22.0-10EM.700.1.0.15843807	更新
437	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 7.0	cp049987.zip	HPE Ethernet 10Gb 2-port 530T Adapter	2022.03.23	1.4.22.0-10EM.700.1.0.15843807	更新
438	HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 7.0	cp049987.zip	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	2022.03.23	1.4.22.0-10EM.700.1.0.15843807	更新
439	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.15.02-1.rhel7u8.x86_64.rpm	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	7.15.02-1	7.15.02-1.rhel7u8	更新
440	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.15.02-1.rhel7u8.x86_64.rpm	HPE Ethernet 10Gb 2-port 530T Adapter	7.15.02-1	7.15.02-1.rhel7u8	更新
441	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.15.02-1.rhel7u8.x86_64.rpm	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.15.02-1	7.15.02-1.rhel7u8	更新
442	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.15.02-1.rhel7u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	7.15.02-1	7.15.02-1.rhel7u9	更新
443	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.15.02-1.rhel7u9.x86_64.rpm	HPE Ethernet 10Gb 2-port 530T Adapter	7.15.02-1	7.15.02-1.rhel7u9	更新
444	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-netxtreme2-7.15.02-1.rhel7u9.x86_64.rpm	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.15.02-1	7.15.02-1.rhel7u9	更新
445	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8	kmod-netxtreme2-7.15.02-1.rhel8u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	7.15.02-1	7.15.02-1.rhel8u4	更新
446	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8	kmod-netxtreme2-7.15.02-1.rhel8u4.x86_64.rpm	HPE Ethernet 10Gb 2-port 530T Adapter	7.15.02-1	7.15.02-1.rhel8u4	更新
447	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8	kmod-netxtreme2-7.15.02-1.rhel8u4.x86_64.rpm	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.15.02-1	7.15.02-1.rhel8u4	更新
448	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp047060.exe	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	7.13.206.0	7.13.206.0	
449	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp047060.exe	HPE Ethernet 10Gb 2-port 530T Adapter	7.13.206.0	7.13.206.0	
450	HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions	cp047060.exe	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	7.13.206.0	7.13.206.0	
451	Intel i350 Driver for Windows Server 2016	cp047041.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	12.16.4.1	12.16.4.1	
452	Intel i350 Driver for Windows Server 2016	cp047041.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	12.16.4.1	12.16.4.1	
453	Intel i350 Driver for Windows Server 2019	cp047042.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	12.18.12.1	12.18.12.1	
454	Intel i350 Driver for Windows Server 2019	cp047042.exe	Intel I350-T4 Ethernet 1Gb 4-	12.18.12.1	12.18.12.1	

			port BASE-T OCP3 Adapter for HPE			
455	Intel i350 Driver for Windows Server 2022	cp049614.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	13.0.9.0	13.0.9.0	新規追加
456	Intel i350 Driver for Windows Server 2022	cp049614.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	13.0.9.0	13.0.9.0	新規追加
457	Intel i40ea Driver for Windows Server 2016	cp047039.exe	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	1.16.62.0	1.16.62.0	更新
458	Intel i40ea Driver for Windows Server 2016	cp047039.exe	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	1.16.62.0	1.16.62.0	更新
459	Intel i40ea Driver for Windows Server 2019	cp047040.exe	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	1.16.62.0	1.16.62.0	更新
460	Intel i40ea Driver for Windows Server 2019	cp047040.exe	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	1.16.62.0	1.16.62.0	更新
461	Intel i40ea Driver for Windows Server 2022	cp049618.exe	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	1.16.139.0	1.16.139.0	新規追加
462	Intel i40ea Driver for Windows Server 2022	cp049618.exe	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	1.16.139.0	1.16.139.0	新規追加
463	Intel iavf Driver for Windows Server 2016	cp048046.exe	-	1.12.9.0 (C)	1.12.9.0 (C)	
464	Intel iavf Driver for Windows Server 2019	cp048047.exe	-	1.12.9.0 (C)	1.12.9.0 (C)	
465	Intel iavf Driver for Windows Server 2022	cp049615.exe	-	1.13.8.0	1.13.8.0	新規追加
466	Intel ice Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-ice-1.6.4-1.rhel7u8.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	1.6.4-1	1.6.4-1.rhel7u8	
467	Intel ice Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-ice-1.6.4-1.rhel7u8.x86_64.rpm	Intel E810-XXVDA2 adapter	1.6.4-1	1.6.4-1.rhel7u8	
468	Intel ice Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-ice-1.6.4-1.rhel7u8.x86_64.rpm	Intel E810-XXVDA2 OCP3 adapter	1.6.4-1	1.6.4-1.rhel7u8	
469	Intel ice Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-ice-1.6.4-1.rhel7u8.x86_64.rpm	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	1.6.4-1	1.6.4-1.rhel7u8	
470	Intel ice Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-ice-1.6.4-1.rhel7u9.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	1.6.4-1	1.6.4-1.rhel7u9	
471	Intel ice Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-ice-1.6.4-1.rhel7u9.x86_64.rpm	Intel E810-XXVDA2 adapter	1.6.4-1	1.6.4-1.rhel7u9	
472	Intel ice Drivers for Red Hat Enterprise Linux 7 x86_64	kmod-ice-1.6.4-1.rhel7u9.x86_64.rpm	Intel E810-XXVDA2 OCP3 adapter	1.6.4-1	1.6.4-1.rhel7u9	
473	Intel ice Drivers for Red Hat	kmod-ice-1.6.4-	Intel E810-	1.6.4-1	1.6.4-	

	Enterprise Linux 7 x86_64	1.rhel7u9.x86_64.rpm	XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE		1.rhel7u9	
474	Intel ice Drivers for Red Hat Enterprise Linux 8	kmod-ice-1.6.4-1.rhel8u4.x86_64.rpm	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	1.6.4-1	1.6.4-1.rhel8u4	新規追加
475	Intel ice Drivers for Red Hat Enterprise Linux 8	kmod-ice-1.6.4-1.rhel8u4.x86_64.rpm	Intel E810-XXVDA2 adapter	1.6.4-1	1.6.4-1.rhel8u4	新規追加
476	Intel ice Drivers for Red Hat Enterprise Linux 8	kmod-ice-1.6.4-1.rhel8u4.x86_64.rpm	Intel E810-XXVDA2 OCP3 adapter	1.6.4-1	1.6.4-1.rhel8u4	新規追加
477	Intel ice Drivers for Red Hat Enterprise Linux 8	kmod-ice-1.6.4-1.rhel8u4.x86_64.rpm	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	1.6.4-1	1.6.4-1.rhel8u4	新規追加
478	Intel icea Driver for Microsoft Windows Server 2022	cp049269.exe	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	1.10.51.0	1.10.51.0	新規追加
479	Intel icea Driver for Microsoft Windows Server 2022	cp049269.exe	Intel E810-XXVDA2 adapter	1.10.51.0	1.10.51.0	新規追加
480	Intel icea Driver for Microsoft Windows Server 2022	cp049269.exe	Intel E810-XXVDA2 OCP3 adapter	1.10.51.0	1.10.51.0	新規追加
481	Intel icea Driver for Microsoft Windows Server 2022	cp049269.exe	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	1.10.51.0	1.10.51.0	新規追加
482	Intel icea Driver for VMware vSphere 6.7	cp050787.zip	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	2022.03.23	1.7.3.0-10EM.670.0.0.8169922	新規追加
483	Intel icea Driver for VMware vSphere 6.7	cp050787.zip	Intel E810-XXVDA2 adapter	2022.03.23	1.7.3.0-10EM.670.0.0.8169922	新規追加
484	Intel icea Driver for VMware vSphere 6.7	cp050787.zip	Intel E810-XXVDA2 OCP3 adapter	2022.03.23	1.7.3.0-10EM.670.0.0.8169922	新規追加
485	Intel icea Driver for VMware vSphere 6.7	cp050787.zip	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	2022.03.23	1.7.3.0-10EM.670.0.0.8169922	新規追加
486	Intel icea Driver for VMware vSphere 7.0	cp050788.zip	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	2022.03.23	1.7.4.0-10EM.700.1.0.15843807	新規追加
487	Intel icea Driver for VMware vSphere 7.0	cp050788.zip	Intel E810-XXVDA2 adapter	2022.03.23	1.7.4.0-10EM.700.1.0.15843807	新規追加
488	Intel icea Driver for VMware vSphere 7.0	cp050788.zip	Intel E810-XXVDA2 OCP3 adapter	2022.03.23	1.7.4.0-10EM.700.1.0.15843807	新規追加
489	Intel icea Driver for VMware vSphere 7.0	cp050788.zip	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	2022.03.23	1.7.4.0-10EM.700.1.0.15843807	新規追加

490	Intel ica Driver for Windows Server 2016	cp048044.exe	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	1.9.65.0	1.9.65.0	
491	Intel ica Driver for Windows Server 2016	cp048044.exe	Intel E810-XXVDA2 adapter	1.9.65.0	1.9.65.0	
492	Intel ica Driver for Windows Server 2016	cp048044.exe	Intel E810-XXVDA2 OCP3 adapter	1.9.65.0	1.9.65.0	
493	Intel ica Driver for Windows Server 2016	cp048044.exe	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	1.9.65.0	1.9.65.0	
494	Intel ica Driver for Windows Server 2019	cp048045.exe	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	1.9.65.0	1.9.65.0	
495	Intel ica Driver for Windows Server 2019	cp048045.exe	Intel E810-XXVDA2 adapter	1.9.65.0	1.9.65.0	
496	Intel ica Driver for Windows Server 2019	cp048045.exe	Intel E810-XXVDA2 OCP3 adapter	1.9.65.0	1.9.65.0	
497	Intel ica Driver for Windows Server 2019	cp048045.exe	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	1.9.65.0	1.9.65.0	
498	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 6.5	cp050402.zip	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	2021.04.15 (A)	4.16.71.1-10EM.650.0.0.4598673	更新
499	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 6.5	cp050402.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2021.04.15 (A)	4.16.71.1-10EM.650.0.0.4598673	更新
500	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 6.5	cp050402.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2021.04.15 (A)	4.16.71.1-10EM.650.0.0.4598673	更新
501	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 6.5	cp050402.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2021.04.15 (A)	4.16.71.1-10EM.650.0.0.4598673	更新
502	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 6.7	cp050401.zip	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	2021.04.15 (A)	4.17.71.1-10EM.670.0.0.8169922	更新
503	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 6.7	cp050401.zip	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	2021.04.15 (A)	4.17.71.1-10EM.670.0.0.8169922	新規追加
504	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 6.7	cp050401.zip	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	2021.04.15 (A)	4.17.71.1-10EM.670.0.0.8169922	更新
505	Mellanox ConnectX-4,	cp050401.zip	HPE Ethernet	2021.04.15	4.17.71.1-	更新

	ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 6.7		100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	(A)	1OEM.670.0.0.8169922	
506	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 6.7	cp050401.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2021.04.15 (A)	4.17.71.1-1OEM.670.0.0.8169922	更新
507	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 6.7	cp050401.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2021.04.15 (A)	4.17.71.1-1OEM.670.0.0.8169922	更新
508	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 6.7	cp050401.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2021.04.15 (A)	4.17.71.1-1OEM.670.0.0.8169922	更新
509	Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 6.7	cp050401.zip	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	2021.04.15 (A)	4.17.71.1-1OEM.670.0.0.8169922	更新
510	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2016	cp050316.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	2.80.25134.0	2.80.25134.0	更新
511	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2016	cp050316.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	2.80.25134.0	2.80.25134.0	新規追加
512	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2016	cp050316.exe	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	2.80.25134.0	2.80.25134.0	更新
513	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2019	cp050317.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	2.80.25134.0	2.80.25134.0	更新
514	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2019	cp050317.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	2.80.25134.0	2.80.25134.0	新規追加
515	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2019	cp050317.exe	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	2.80.25134.0	2.80.25134.0	更新
516	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2022	cp050318.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	2.80.25134.0	2.80.25134.0	新規追加
517	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2022	cp050318.exe	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	2.80.25134.0	2.80.25134.0	新規追加
518	Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2022	cp050318.exe	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	2.80.25134.0	2.80.25134.0	新規追加

519	net-mst kernel module driver component for VMware ESXi 6.5 and 6.7	cp050399.zip	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	2020.11.11 (B)	4.12.0.105-10EM.650.0.0.4598673	更新
520	net-mst kernel module driver component for VMware ESXi 6.5 and 6.7	cp050399.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2020.11.11 (B)	4.12.0.105-10EM.650.0.0.4598673	更新
521	net-mst kernel module driver component for VMware ESXi 6.5 and 6.7	cp050399.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2020.11.11 (B)	4.12.0.105-10EM.650.0.0.4598673	更新
522	net-mst kernel module driver component for VMware ESXi 6.5 and 6.7	cp050399.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2020.11.11 (B)	4.12.0.105-10EM.650.0.0.4598673	更新
523	net-mst kernel module driver component for VMware ESXi 7.0	cp050896.zip	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	2020.11.11 (B)	4.14.3.3-10EM.700.1.0.15525992	更新
524	net-mst kernel module driver component for VMware ESXi 7.0	cp050896.zip	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	2020.11.11 (B)	4.14.3.3-10EM.700.1.0.15525992	新規追加
525	net-mst kernel module driver component for VMware ESXi 7.0	cp050896.zip	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	2020.11.11 (B)	4.14.3.3-10EM.700.1.0.15525992	更新
526	net-mst kernel module driver component for VMware ESXi 7.0	cp050896.zip	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	2020.11.11 (B)	4.14.3.3-10EM.700.1.0.15525992	更新
527	net-mst kernel module driver component for VMware ESXi 7.0	cp050896.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2020.11.11 (B)	4.14.3.3-10EM.700.1.0.15525992	更新
528	net-mst kernel module driver component for VMware ESXi 7.0	cp050896.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2020.11.11 (B)	4.14.3.3-10EM.700.1.0.15525992	更新
529	net-mst kernel module driver component for VMware ESXi 7.0	cp050896.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2020.11.11 (B)	4.14.3.3-10EM.700.1.0.15525992	更新
530	net-mst kernel module driver component for VMware ESXi 7.0	cp050896.zip	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	2020.11.11 (B)	4.14.3.3-10EM.700.1.0.15525992	更新
531	nmlx5_en Driver Component for VMware ESXi 7.0 Update 2 and Update 3	cp050400.zip	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	2021.04.21 (A)	4.21.71.101-10EM.702.0.0.17630552	更新
532	nmlx5_en Driver Component for VMware ESXi 7.0 Update 2 and Update 3	cp050400.zip	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	2021.04.21 (A)	4.21.71.101-10EM.702.0.0.17630552	新規追加
533	nmlx5_en Driver Component for VMware ESXi 7.0 Update 2 and Update 3	cp050400.zip	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	2021.04.21 (A)	4.21.71.101-10EM.702.0.0.17630552	更新

534	nmlx5_en Driver Component for VMware ESXi 7.0 Update 2 and Update 3	cp050400.zip	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	2021.04.21 (A)	4.21.71.101-10EM.702.0.0.17630552	更新
535	nmlx5_en Driver Component for VMware ESXi 7.0 Update 2 and Update 3	cp050400.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	2021.04.21 (A)	4.21.71.101-10EM.702.0.0.17630552	更新
536	nmlx5_en Driver Component for VMware ESXi 7.0 Update 2 and Update 3	cp050400.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	2021.04.21 (A)	4.21.71.101-10EM.702.0.0.17630552	更新
537	nmlx5_en Driver Component for VMware ESXi 7.0 Update 2 and Update 3	cp050400.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	2021.04.21 (A)	4.21.71.101-10EM.702.0.0.17630552	更新
538	nmlx5_en Driver Component for VMware ESXi 7.0 Update 2 and Update 3	cp050400.zip	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	2021.04.21 (A)	4.21.71.101-10EM.702.0.0.17630552	更新

6.2.5 Driver – Storage

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
539	HPE Smart Array S100i SR Gen10 SW RAID Driver for Windows Server 2016 and Windows Server 2019	cp048017.exe	-	106.12.6.0 (B)	106.12.6.0 (B)	
540	HPE Smart Array S100i SR Gen10 SW RAID Driver for Windows Server 2022	cp049244.exe	-	1010.14.0.0	1010.14.0.0	新規追加
541	HPE Smart Storage SR100i Gen10 Plus SW RAID Driver for Windows Server 2016 and Windows Server 2019	cp049976.exe	-	106.124.90.1233	106.124.90.1233	更新
542	HPE Smart Storage SR100i Gen10 Plus SW RAID Driver for Windows Server 2022	cp049977.exe	-	1010.124.90.1233	1010.124.90.1233	新規追加

6.2.6 Driver – Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
543	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller (64-bit) Driver for vSphere 6.7 (Driver Component)	cp049485.zip	Broadcom MR416i-p Cntrl for HPE Gen10+	2021.04.01 (B)	7.716.03.00-10EM.670.0.0.8169922	新規追加
544	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller (64-bit) Driver for vSphere 6.7 (Driver Component)	cp049485.zip	Broadcom MR416i-a Cntrl for HPE Gen10+	2021.04.01 (B)	7.716.03.00-10EM.670.0.0.8169922	新規追加
545	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller (64-bit) Driver for vSphere 6.7 (Driver Component)	cp049485.zip	Broadcom MR216i-p Cntrl for HPE Gen10+	2021.04.01 (B)	7.716.03.00-10EM.670.0.0.8169922	新規追加

546	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller (64-bit) Driver for vSphere 6.7 (Driver Component)	cp049485.zip	Broadcom MR216i-a Cntrl for HPE Gen10+	2021.04.01 (B)	7.716.03.00-1OEM.670.0.0.8169922	新規追加
547	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller (64-bit) Driver for vSphere 7.0 (Driver Component)	cp049486.zip	Broadcom MR416i-p Cntrl for HPE Gen10+	2021.04.01 (B)	7.716.03.00-1OEM.700.1.0.15843807	新規追加
548	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller (64-bit) Driver for vSphere 7.0 (Driver Component)	cp049486.zip	Broadcom MR416i-a Cntrl for HPE Gen10+	2021.04.01 (B)	7.716.03.00-1OEM.700.1.0.15843807	新規追加
549	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller (64-bit) Driver for vSphere 7.0 (Driver Component)	cp049486.zip	Broadcom MR216i-p Cntrl for HPE Gen10+	2021.04.01 (B)	7.716.03.00-1OEM.700.1.0.15843807	新規追加
550	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller (64-bit) Driver for vSphere 7.0 (Driver Component)	cp049486.zip	Broadcom MR216i-a Cntrl for HPE Gen10+	2021.04.01 (B)	7.716.03.00-1OEM.700.1.0.15843807	新規追加
551	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller Driver for 64-bit Red Hat Enterprise Linux 7	kmod-megaraid_sas-07.716.02.00-1.rhel7u8.x86_64.rpm	Broadcom MR416i-p Cntrl for HPE Gen10+	07.716.02.00 (B)	07.716.02.00-1.rhel7u8	新規追加
552	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller Driver for 64-bit Red Hat Enterprise Linux 7	kmod-megaraid_sas-07.716.02.00-1.rhel7u8.x86_64.rpm	Broadcom MR416i-a Cntrl for HPE Gen10+	07.716.02.00 (B)	07.716.02.00-1.rhel7u8	新規追加
553	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller Driver for 64-bit Red Hat Enterprise Linux 7	kmod-megaraid_sas-07.716.02.00-1.rhel7u8.x86_64.rpm	Broadcom MR216i-p Cntrl for HPE Gen10+	07.716.02.00 (B)	07.716.02.00-1.rhel7u8	新規追加
554	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller Driver for 64-bit Red Hat Enterprise Linux 7	kmod-megaraid_sas-07.716.02.00-1.rhel7u8.x86_64.rpm	Broadcom MR216i-a Cntrl for HPE Gen10+	07.716.02.00 (B)	07.716.02.00-1.rhel7u8	新規追加
555	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller Driver for 64-bit Red Hat Enterprise Linux 7	kmod-megaraid_sas-07.716.02.00-1.rhel7u9.x86_64.rpm	Broadcom MR416i-p Cntrl for HPE Gen10+	07.716.02.00 (B)	07.716.02.00-1.rhel7u9	新規追加
556	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller Driver for 64-bit Red Hat Enterprise Linux 7	kmod-megaraid_sas-07.716.02.00-1.rhel7u9.x86_64.rpm	Broadcom MR416i-a Cntrl for HPE Gen10+	07.716.02.00 (B)	07.716.02.00-1.rhel7u9	新規追加
557	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller Driver for 64-bit Red Hat Enterprise Linux 7	kmod-megaraid_sas-07.716.02.00-1.rhel7u9.x86_64.rpm	Broadcom MR216i-p Cntrl for HPE Gen10+	07.716.02.00 (B)	07.716.02.00-1.rhel7u9	新規追加
558	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller Driver for 64-bit Red Hat Enterprise Linux 7	kmod-megaraid_sas-07.716.02.00-1.rhel7u9.x86_64.rpm	Broadcom MR216i-a Cntrl for HPE Gen10+	07.716.02.00 (B)	07.716.02.00-1.rhel7u9	新規追加
559	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller Driver for 64-bit Red Hat Enterprise Linux 8	kmod-megaraid_sas-07.719.04.00_el8.4-1.x86_64.rpm	Broadcom MR416i-p Cntrl for HPE Gen10+	07.719.04.00	07.719.04.00_el8.4-1	新規追加
560	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller Driver for 64-bit Red Hat Enterprise Linux 8	kmod-megaraid_sas-07.719.04.00_el8.4-1.x86_64.rpm	Broadcom MR416i-a Cntrl for HPE Gen10+	07.719.04.00	07.719.04.00_el8.4-1	新規追加

561	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller Driver for 64-bit Red Hat Enterprise Linux 8	kmod-megaraid_sas-07.719.04.00_el8.4-1.x86_64.rpm	Broadcom MR216i-p Cntrl for HPE Gen10+	07.719.04.00	07.719.04.00_el8.4-1	新規追加
562	HPE MR416i-a, MR416i-p, MR216i-a, MR216i-p controller Driver for 64-bit Red Hat Enterprise Linux 8	kmod-megaraid_sas-07.719.04.00_el8.4-1.x86_64.rpm	Broadcom MR216i-a Cntrl for HPE Gen10+	07.719.04.00	07.719.04.00_el8.4-1	新規追加
563	HPE MR416i-p MR416i-a MR216i-p MR216i-a 64-bit controller driver for Microsoft Windows 2019 edition.	cp049482.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	7.716.3.0 (B)	7.716.3.0 (B)	新規追加
564	HPE MR416i-p MR416i-a MR216i-p MR216i-a 64-bit controller driver for Microsoft Windows 2019 edition.	cp049482.exe	Broadcom MR416i-a Cntrl for HPE Gen10+	7.716.3.0 (B)	7.716.3.0 (B)	新規追加
565	HPE MR416i-p MR416i-a MR216i-p MR216i-a 64-bit controller driver for Microsoft Windows 2019 edition.	cp049482.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	7.716.3.0 (B)	7.716.3.0 (B)	新規追加
566	HPE MR416i-p MR416i-a MR216i-p MR216i-a 64-bit controller driver for Microsoft Windows 2019 edition.	cp049482.exe	Broadcom MR216i-a Cntrl for HPE Gen10+	7.716.3.0 (B)	7.716.3.0 (B)	新規追加
567	HPE MR416i-p MR416i-a MR216i-p MR216i-a 64-bit controller driver for Microsoft Windows 2022 edition.	cp050771.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	7.719.6.0	7.719.6.0	新規追加
568	HPE MR416i-p MR416i-a MR216i-p MR216i-a 64-bit controller driver for Microsoft Windows 2022 edition.	cp050771.exe	Broadcom MR416i-a Cntrl for HPE Gen10+	7.719.6.0	7.719.6.0	新規追加
569	HPE MR416i-p MR416i-a MR216i-p MR216i-a 64-bit controller driver for Microsoft Windows 2022 edition.	cp050771.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	7.719.6.0	7.719.6.0	新規追加
570	HPE MR416i-p MR416i-a MR216i-p MR216i-a 64-bit controller driver for Microsoft Windows 2022 edition.	cp050771.exe	Broadcom MR216i-a Cntrl for HPE Gen10+	7.719.6.0	7.719.6.0	新規追加
571	HPE MR416i-p,MR416i-a, MR216i-p, MR216i-a 64-bit controller driver for Microsoft Windows 2016 edition.	cp049479.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	7.716.3.0 (B)	7.716.3.0 (B)	新規追加
572	HPE MR416i-p,MR416i-a, MR216i-p, MR216i-a 64-bit controller driver for Microsoft Windows 2016 edition.	cp049479.exe	Broadcom MR416i-a Cntrl for HPE Gen10+	7.716.3.0 (B)	7.716.3.0 (B)	新規追加
573	HPE MR416i-p,MR416i-a, MR216i-p, MR216i-a 64-bit controller driver for Microsoft Windows 2016 edition.	cp049479.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	7.716.3.0 (B)	7.716.3.0 (B)	新規追加
574	HPE MR416i-p,MR416i-a, MR216i-p, MR216i-a 64-bit controller driver for Microsoft Windows 2016 edition.	cp049479.exe	Broadcom MR216i-a Cntrl for HPE Gen10+	7.716.3.0 (B)	7.716.3.0 (B)	新規追加
575	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-2.1.12-055.rhel7u8.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel7u8	
576	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-2.1.12-055.rhel7u8.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel7u8	

577	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-2.1.12-055.rhel7u8.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel7u8	
578	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-2.1.12-055.rhel7u8.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel7u8	
579	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-2.1.12-055.rhel7u8.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel7u8	
580	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-2.1.12-055.rhel7u8.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel7u8	
581	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-2.1.12-055.rhel7u8.x86_64.rpm	Microchip SR932i-p Cntrl for HPE Gen10+	2.1.12-055	2.1.12-055.rhel7u8	
582	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-2.1.12-055.rhel7u8.x86_64.rpm	Microchip SR416i-a Cntrl for HPE Gen10+	2.1.12-055	2.1.12-055.rhel7u8	
583	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-2.1.12-055.rhel7u9.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel7u9	
584	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-2.1.12-055.rhel7u9.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel7u9	
585	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-2.1.12-055.rhel7u9.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel7u9	
586	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-2.1.12-055.rhel7u9.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel7u9	
587	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-2.1.12-055.rhel7u9.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel7u9	
588	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-2.1.12-055.rhel7u9.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel7u9	
589	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	kmod-smartpqi-2.1.12-055.rhel7u9.x86_64.rpm	Microchip SR932i-p Cntrl for HPE Gen10+	2.1.12-055	2.1.12-055.rhel7u9	
590	HPE ProLiant Gen10 and	kmod-smartpqi-2.1.12-	Microchip SR416i-	2.1.12-055	2.1.12-	

	Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit)	055.rhel7u9.x86_64.rpm	a Cntrl for HPE Gen10+		055.rhel7u9	
591	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.12-055.rhel8u3.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel8u3	
592	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.12-055.rhel8u3.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel8u3	
593	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.12-055.rhel8u3.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel8u3	
594	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.12-055.rhel8u3.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel8u3	
595	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.12-055.rhel8u3.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel8u3	
596	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.12-055.rhel8u3.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel8u3	
597	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.12-055.rhel8u3.x86_64.rpm	Microchip SR932i-p Cntrl for HPE Gen10+	2.1.12-055	2.1.12-055.rhel8u3	
598	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.12-055.rhel8u3.x86_64.rpm	Microchip SR416i-a Cntrl for HPE Gen10+	2.1.12-055	2.1.12-055.rhel8u3	
599	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.12-055.rhel8u4.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel8u4	
600	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.12-055.rhel8u4.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel8u4	
601	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.12-055.rhel8u4.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel8u4	
602	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.12-055.rhel8u4.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel8u4	
603	HPE ProLiant Gen10 and Gen10Plus Smart Array	kmod-smartpqi-2.1.12-055.rhel8u4.x86_64.rpm	HPE Smart Array E208i-a SR Gen10	2.1.12-055	2.1.12-055.rhel8u4	

	Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	m	Controller			
604	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.12-055.rhel8u4.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	2.1.12-055	2.1.12-055.rhel8u4	
605	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.12-055.rhel8u4.x86_64.rpm	Microchip SR932i-p Cntrl for HPE Gen10+	2.1.12-055	2.1.12-055.rhel8u4	
606	HPE ProLiant Gen10 and Gen10Plus Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit)	kmod-smartpqi-2.1.12-055.rhel8u4.x86_64.rpm	Microchip SR416i-a Cntrl for HPE Gen10+	2.1.12-055	2.1.12-055.rhel8u4	
607	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 6.7 (Driver Component).	cp047415.zip	HPE Smart Array P408i-a SR Gen10 Controller	2021.09.01	67.4150.0.119 - 10EM.670.0.0.8169922	
608	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 6.7 (Driver Component).	cp047415.zip	HPE Smart Array P408i-p SR Gen10 Controller	2021.09.01	67.4150.0.119 - 10EM.670.0.0.8169922	
609	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 6.7 (Driver Component).	cp047415.zip	HPE Smart Array P816i-a SR Gen10 Controller	2021.09.01	67.4150.0.119 - 10EM.670.0.0.8169922	
610	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 6.7 (Driver Component).	cp047415.zip	HPE Smart Array E208e-p SR Gen10 Controller	2021.09.01	67.4150.0.119 - 10EM.670.0.0.8169922	
611	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 6.7 (Driver Component).	cp047415.zip	HPE Smart Array E208i-a SR Gen10 Controller	2021.09.01	67.4150.0.119 - 10EM.670.0.0.8169922	
612	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 6.7 (Driver Component).	cp047415.zip	HPE Smart Array E208i-p SR Gen10 Controller	2021.09.01	67.4150.0.119 - 10EM.670.0.0.8169922	
613	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 6.7 (Driver Component).	cp047415.zip	Microchip SR932i-p Cntrl for HPE Gen10+	2021.09.01	67.4150.0.119 - 10EM.670.0.0.8169922	
614	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 6.7 (Driver Component).	cp047415.zip	Microchip SR416i-a Cntrl for HPE Gen10+	2021.09.01	67.4150.0.119 - 10EM.670.0.0.8169922	
615	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp047416.zip	HPE Smart Array P408i-a SR Gen10 Controller	2021.09.01	70.4150.0.119 - 10EM.700.1.0.15843807	
616	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for	cp047416.zip	HPE Smart Array P408i-p SR Gen10 Controller	2021.09.01	70.4150.0.119 - 10EM.700.1.0	

	VMware vSphere 7.0 (Driver Component).				.15843807	
617	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp047416.zip	HPE Smart Array P816i-a SR Gen10 Controller	2021.09.01	70.4150.0.119 - 1OEM.700.1.0 .15843807	
618	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp047416.zip	HPE Smart Array E208e-p SR Gen10 Controller	2021.09.01	70.4150.0.119 - 1OEM.700.1.0 .15843807	
619	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp047416.zip	HPE Smart Array E208i-a SR Gen10 Controller	2021.09.01	70.4150.0.119 - 1OEM.700.1.0 .15843807	
620	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp047416.zip	HPE Smart Array E208i-p SR Gen10 Controller	2021.09.01	70.4150.0.119 - 1OEM.700.1.0 .15843807	
621	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp047416.zip	Microchip SR932i-p Cntrl for HPE Gen10+	2021.09.01	70.4150.0.119 - 1OEM.700.1.0 .15843807	
622	HPE ProLiant Gen10 Smart Array and Gen10 Plus Smart RAID Controller Driver for VMware vSphere 7.0 (Driver Component).	cp047416.zip	Microchip SR416i-a Cntrl for HPE Gen10+	2021.09.01	70.4150.0.119 - 1OEM.700.1.0 .15843807	
623	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component).	cp047414.zip	HPE Smart Array P408i-a SR Gen10 Controller	2021.09.01	65.4150.0.119 - 1OEM.650.0.0 .4598673	
624	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component).	cp047414.zip	HPE Smart Array P408i-p SR Gen10 Controller	2021.09.01	65.4150.0.119 - 1OEM.650.0.0 .4598673	
625	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component).	cp047414.zip	HPE Smart Array P816i-a SR Gen10 Controller	2021.09.01	65.4150.0.119 - 1OEM.650.0.0 .4598673	
626	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component).	cp047414.zip	HPE Smart Array E208e-p SR Gen10 Controller	2021.09.01	65.4150.0.119 - 1OEM.650.0.0 .4598673	
627	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component).	cp047414.zip	HPE Smart Array E208i-a SR Gen10 Controller	2021.09.01	65.4150.0.119 - 1OEM.650.0.0 .4598673	
628	HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component).	cp047414.zip	HPE Smart Array E208i-p SR Gen10 Controller	2021.09.01	65.4150.0.119 - 1OEM.650.0.0 .4598673	
629	HPE Smart Array Gen10 and Gen10Plus Controller Driver for Windows Server 2016, Windows Server 2019, and Windows Server 2022	cp047413.exe	HPE Smart Array P408i-a SR Gen10 Controller	1010.6.0.10 25	1010.6.0.1025	
630	HPE Smart Array Gen10 and Gen10Plus Controller Driver for Windows Server 2016, Windows Server 2019, and Windows Server 2022	cp047413.exe	HPE Smart Array P408i-p SR Gen10 Controller	1010.6.0.10 25	1010.6.0.1025	

631	HPE Smart Array Gen10 and Gen10Plus Controller Driver for Windows Server 2016, Windows Server 2019, and Windows Server 2022	cp047413.exe	HPE Smart Array P816i-a SR Gen10 Controller	1010.6.0.1025	1010.6.0.1025	
632	HPE Smart Array Gen10 and Gen10Plus Controller Driver for Windows Server 2016, Windows Server 2019, and Windows Server 2022	cp047413.exe	HPE Smart Array E208e-p SR Gen10 Controller	1010.6.0.1025	1010.6.0.1025	
633	HPE Smart Array Gen10 and Gen10Plus Controller Driver for Windows Server 2016, Windows Server 2019, and Windows Server 2022	cp047413.exe	HPE Smart Array E208i-a SR Gen10 Controller	1010.6.0.1025	1010.6.0.1025	
634	HPE Smart Array Gen10 and Gen10Plus Controller Driver for Windows Server 2016, Windows Server 2019, and Windows Server 2022	cp047413.exe	HPE Smart Array E208i-p SR Gen10 Controller	1010.6.0.1025	1010.6.0.1025	
635	HPE Smart Array Gen10 and Gen10Plus Controller Driver for Windows Server 2016, Windows Server 2019, and Windows Server 2022	cp047413.exe	Microchip SR932i-p Cntrl for HPE Gen10+	1010.6.0.1025	1010.6.0.1025	
636	HPE Smart Array Gen10 and Gen10Plus Controller Driver for Windows Server 2016, Windows Server 2019, and Windows Server 2022	cp047413.exe	Microchip SR416i-a Cntrl for HPE Gen10+	1010.6.0.1025	1010.6.0.1025	

6.2.7 Driver - Storage Fibre Channel and Fibre Channel over Ethernet

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
637	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2016	cp049962.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.8.351.7 (c)	12.8.351.7 (c)	更新
638	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2016	cp049962.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.8.351.7 (c)	12.8.351.7 (c)	更新
639	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2016	cp049962.exe	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.8.351.7 (c)	12.8.351.7 (c)	更新
640	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2016	cp049962.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.8.351.7 (c)	12.8.351.7 (c)	更新
641	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2016	cp049962.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	12.8.351.7 (c)	12.8.351.7 (c)	更新
642	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2016	cp049962.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	12.8.351.7 (c)	12.8.351.7 (c)	更新

643	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp049960.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.8.351.7 (c)	12.8.351.7 (c)	更新
644	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp049960.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.8.351.7 (c)	12.8.351.7 (c)	更新
645	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp049960.exe	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.8.351.7 (c)	12.8.351.7 (c)	更新
646	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp049960.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.8.351.7 (c)	12.8.351.7 (c)	更新
647	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp049960.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	12.8.351.7 (c)	12.8.351.7 (c)	更新
648	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2019	cp049960.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	12.8.351.7 (c)	12.8.351.7 (c)	更新
649	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp049961.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.8.518.0 (c)	12.8.518.0 (c)	新規追加
650	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp049961.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.8.518.0 (c)	12.8.518.0 (c)	新規追加
651	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp049961.exe	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.8.518.0 (c)	12.8.518.0 (c)	新規追加
652	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp049961.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.8.518.0 (c)	12.8.518.0 (c)	新規追加
653	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp049961.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	12.8.518.0 (c)	12.8.518.0 (c)	新規追加
654	HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2022	cp049961.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	12.8.518.0 (c)	12.8.518.0 (c)	新規追加
655	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2016	cp046828.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	9.4.5.20	9.4.5.20	

656	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2016	cp046828.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	9.4.5.20	9.4.5.20	
657	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2016	cp046828.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	9.4.5.20	9.4.5.20	
658	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2016	cp046828.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	9.4.5.20	9.4.5.20	
659	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2016	cp046828.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	9.4.5.20	9.4.5.20	
660	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2016	cp046828.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	9.4.5.20	9.4.5.20	
661	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp046829.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	9.4.5.20	9.4.5.20	
662	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp046829.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	9.4.5.20	9.4.5.20	
663	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp046829.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	9.4.5.20	9.4.5.20	
664	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp046829.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	9.4.5.20	9.4.5.20	
665	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp046829.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	9.4.5.20	9.4.5.20	
666	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2019	cp046829.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	9.4.5.20	9.4.5.20	
667	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp047201.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	9.4.5.20	9.4.5.20	新規追加
668	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp047201.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	9.4.5.20	9.4.5.20	新規追加
669	HPE Storage Fibre Channel	cp047201.exe	HPE SN1600Q	9.4.5.20	9.4.5.20	新規追加

	Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022		32Gb Dual Port Fibre Channel Host Bus Adapter			
670	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp047201.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	9.4.5.20	9.4.5.20	新規追加
671	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp047201.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	9.4.5.20	9.4.5.20	新規追加
672	HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Microsoft Windows Server 2022	cp047201.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	9.4.5.20	9.4.5.20	新規追加
673	Red Hat Enterprise Linux 7 Update 8 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-elx-lpfc-12.8.528.7-1.rhel7u8.x86_64.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.8.528.7 (b)	12.8.528.7-1.rhel7u8	更新
674	Red Hat Enterprise Linux 7 Update 8 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-elx-lpfc-12.8.528.7-1.rhel7u8.x86_64.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.8.528.7 (b)	12.8.528.7-1.rhel7u8	更新
675	Red Hat Enterprise Linux 7 Update 8 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-elx-lpfc-12.8.528.7-1.rhel7u8.x86_64.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.8.528.7 (b)	12.8.528.7-1.rhel7u8	更新
676	Red Hat Enterprise Linux 7 Update 8 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-elx-lpfc-12.8.528.7-1.rhel7u8.x86_64.rpm	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.8.528.7 (b)	12.8.528.7-1.rhel7u8	更新
677	Red Hat Enterprise Linux 7 Update 8 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-elx-lpfc-12.8.528.7-1.rhel7u8.x86_64.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	12.8.528.7 (b)	12.8.528.7-1.rhel7u8	更新
678	Red Hat Enterprise Linux 7 Update 8 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-elx-lpfc-12.8.528.7-1.rhel7u8.x86_64.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	12.8.528.7 (b)	12.8.528.7-1.rhel7u8	更新
679	Red Hat Enterprise Linux 7 Update 8 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.01.00.a14_k1-1.rhel7u8.x86_64.rpm	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	10.02.01.00.a14-k1 (b)	10.02.01.00.a14_k1-1.rhel7u8	
680	Red Hat Enterprise Linux 7 Update 8 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.01.00.a14_k1-1.rhel7u8.x86_64.rpm	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	10.02.01.00.a14-k1 (b)	10.02.01.00.a14_k1-1.rhel7u8	
681	Red Hat Enterprise Linux 7	kmod-qlgc-qla2xxx-	HPE SN1600Q	10.02.01.00.	10.02.01.00.a	

	Update 8 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and Mezzanine Host Bus Adapters	10.02.01.00.a14_k1-1.rhel7u8.x86_64.rpm	32Gb Dual Port Fibre Channel Host Bus Adapter	a14-k1 (b)	14_k1-1.rhel7u8	
682	Red Hat Enterprise Linux 7 Update 8 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.01.00.a14_k1-1.rhel7u8.x86_64.rpm	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	10.02.01.00.a14-k1 (b)	10.02.01.00.a14_k1-1.rhel7u8	
683	Red Hat Enterprise Linux 7 Update 8 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.01.00.a14_k1-1.rhel7u8.x86_64.rpm	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	10.02.01.00.a14-k1 (b)	10.02.01.00.a14_k1-1.rhel7u8	
684	Red Hat Enterprise Linux 7 Update 8 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.01.00.a14_k1-1.rhel7u8.x86_64.rpm	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	10.02.01.00.a14-k1 (b)	10.02.01.00.a14_k1-1.rhel7u8	
685	Red Hat Enterprise Linux 7 Update 9 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.01.00.a14_k1-1.rhel7u9.x86_64.rpm	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	10.02.01.00.a14-k1 (b)	10.02.01.00.a14_k1-1.rhel7u9	
686	Red Hat Enterprise Linux 7 Update 9 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.01.00.a14_k1-1.rhel7u9.x86_64.rpm	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	10.02.01.00.a14-k1 (b)	10.02.01.00.a14_k1-1.rhel7u9	
687	Red Hat Enterprise Linux 7 Update 9 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.01.00.a14_k1-1.rhel7u9.x86_64.rpm	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	10.02.01.00.a14-k1 (b)	10.02.01.00.a14_k1-1.rhel7u9	
688	Red Hat Enterprise Linux 7 Update 9 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.01.00.a14_k1-1.rhel7u9.x86_64.rpm	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	10.02.01.00.a14-k1 (b)	10.02.01.00.a14_k1-1.rhel7u9	
689	Red Hat Enterprise Linux 7 Update 9 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.01.00.a14_k1-1.rhel7u9.x86_64.rpm	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	10.02.01.00.a14-k1 (b)	10.02.01.00.a14_k1-1.rhel7u9	
690	Red Hat Enterprise Linux 7 Update 9 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.01.00.a14_k1-1.rhel7u9.x86_64.rpm	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	10.02.01.00.a14-k1 (b)	10.02.01.00.a14_k1-1.rhel7u9	
691	Red Hat Enterprise Linux 8 Update 4 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-elx-lpfc-12.8.528.7-1.rhel8u4.x86_64.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.8.528.7 (c)	12.8.528.7-1.rhel8u4	更新
692	Red Hat Enterprise Linux 8 Update 4 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-elx-lpfc-12.8.528.7-1.rhel8u4.x86_64.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.8.528.7 (c)	12.8.528.7-1.rhel8u4	更新
693	Red Hat Enterprise Linux 8 Update 4 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and Mezzanine Host Bus	kmod-elx-lpfc-12.8.528.7-1.rhel8u4.x86_64.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.8.528.7 (c)	12.8.528.7-1.rhel8u4	更新

	Adapters					
694	Red Hat Enterprise Linux 8 Update 4 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-elx-lpfc-12.8.528.7-1.rhel8u4.x86_64.rpm	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.8.528.7 (c)	12.8.528.7-1.rhel8u4	更新
695	Red Hat Enterprise Linux 8 Update 4 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-elx-lpfc-12.8.528.7-1.rhel8u4.x86_64.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	12.8.528.7 (c)	12.8.528.7-1.rhel8u4	更新
696	Red Hat Enterprise Linux 8 Update 4 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-elx-lpfc-12.8.528.7-1.rhel8u4.x86_64.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	12.8.528.7 (c)	12.8.528.7-1.rhel8u4	更新
697	Red Hat Enterprise Linux 8 Update 4 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.01.01.a2_k1-4.rhel8u4.x86_64.rpm	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	10.02.01.01.a2-k1	10.02.01.01.a2_k1-4.rhel8u4	
698	Red Hat Enterprise Linux 8 Update 4 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.01.01.a2_k1-4.rhel8u4.x86_64.rpm	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	10.02.01.01.a2-k1	10.02.01.01.a2_k1-4.rhel8u4	
699	Red Hat Enterprise Linux 8 Update 4 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.01.01.a2_k1-4.rhel8u4.x86_64.rpm	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	10.02.01.01.a2-k1	10.02.01.01.a2_k1-4.rhel8u4	
700	Red Hat Enterprise Linux 8 Update 4 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.01.01.a2_k1-4.rhel8u4.x86_64.rpm	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	10.02.01.01.a2-k1	10.02.01.01.a2_k1-4.rhel8u4	
701	Red Hat Enterprise Linux 8 Update 4 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.01.01.a2_k1-4.rhel8u4.x86_64.rpm	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	10.02.01.01.a2-k1	10.02.01.01.a2_k1-4.rhel8u4	
702	Red Hat Enterprise Linux 8 Update 4 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and Mezzanine Host Bus Adapters	kmod-qlgc-qla2xxx-10.02.01.01.a2_k1-4.rhel8u4.x86_64.rpm	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	10.02.01.01.a2-k1	10.02.01.01.a2_k1-4.rhel8u4	

6.2.8 Driver - System

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
703	HPE Non-Volatile Memory Drivers for Microsoft Windows Server 2016	cp047945.exe	-	3.0.2.0 (B)	3.0.2.0 (B)	

6.2.9 Driver - System Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
704	iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2016 and Microsoft Windows Server 2019	cp047942.exe	-	4.7.1.0 (B)	4.7.1.0 (B)	
705	iLO 5 Automatic Server Recovery Driver for Microsoft Windows Server 2022	cp047544.exe	-	4.7.1.0	4.7.1.0	新規追加
706	iLO 5 Channel Interface Driver for Microsoft Windows Server 2016 and Microsoft Windows Server 2019	cp047941.exe	-	4.7.1.0 (B)	4.7.1.0 (B)	
707	iLO 5 Channel Interface Driver for Microsoft Windows Server 2022	cp049467.exe	-	4.7.1.0 (B)	4.7.1.0 (B)	新規追加

6.2.10 Driver - Video

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
708	Matrox G200eH3 Video Controller Driver for Microsoft Windows 64-bit	cp048496.exe	-	9.15.1.248	9.15.1.248	

6.2.11 Firmware - Lights-Out Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
709	Language Pack - Japanese	cp050036.exe	Japanese Language Pack	2.60	2.60.07	更新
710	Language Pack - Japanese	firmware-ilo5-lpk-jari11-2.60-1.1.x86_64.rpm	Japanese Language Pack	2.60	2.60.07	更新
711	Online ROM Flash Component for Linux - iLO 5	firmware-ilo5-2.65-1.1.x86_64.rpm	iLO 5	2.65	2.65	更新
712	Online ROM Flash Component for Windows x64 - iLO 5	cp050418.exe	iLO 5	2.65	2.65	更新
713	Online ROM Flash Firmware Package - iLO 5	ilo5_265.fwpkg	iLO 5	2.65	2.65	更新

6.2.12 Firmware - Network

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
714	Broadcom Firmware Package for BCM5741x adapters	bcm219.0.144.0.pup.fw pkg	BCM 57416 10GbE 2p BASE-T OCP3 Adptr	219.0.144.0	219.0.144.0	更新
715	Broadcom Firmware Package for BCM5741x adapters	bcm219.0.144.0.pup.fw pkg	BCM 57416 10GbE 2p BASE-T Adptr	219.0.144.0	219.0.144.0	更新
716	Broadcom Firmware Package for BCM5741x adapters	bcm219.0.144.0.pup.fw pkg	BCM 57414 10/25GbE 2p SFP28 OCP3 Adptr	219.0.144.0	219.0.144.0	新規追加
717	Broadcom Firmware Package for BCM5741x adapters	bcm219.0.144.0.pup.fw pkg	BCM 57414 10/25GbE 2p SFP28 Adptr	219.0.144.0	219.0.144.0	新規追加
718	Broadcom Firmware Package for BCM5741x adapters	bcm219.0.144.0.pup.fw pkg	BCM 57412 10GbE 2p SFP+ OCP3 Adptr	219.0.144.0	219.0.144.0	更新

719	Broadcom Firmware Package for BCM5741x adapters	bcm219.0.144.0.pup.fw pkg	BCM 57412 10GbE 2p SFP+ Adptr	219.0.144.0	219.0.144.0	更新
720	Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-bcm-open-2.28.3-1.1.x86_64.rpm	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	2.28.3	20.19.31	新規追加
721	Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP048908.zip	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	1.29.3	20.19.31	新規追加
722	Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp048909.exe	Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE	5.2.5.0	20.19.31	新規追加
723	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm218.0.303000.Optimized.pup.fwpkg	HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	218.0.303000	218.0.303000	更新
724	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm218.0.303000.Optimized.pup.fwpkg	HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	218.0.303000	218.0.303000	更新
725	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm218.0.303000.Optimized.pup.fwpkg	HPE Ethernet 10Gb 2-port 537SFP+ FLR Adapter	218.0.303000	218.0.303000	更新
726	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm218.0.303000.Optimized.pup.fwpkg	HPE Ethernet 10Gb 2-port 537SFP+ Adapter	218.0.303000	218.0.303000	更新
727	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm218.0.303000.Optimized.pup.fwpkg	HPE Ethernet 10Gb 2-port 535T Adapter	218.0.303000	218.0.303000	更新
728	HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters	bcm218.0.303000.Optimized.pup.fwpkg	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	218.0.303000	218.0.303000	更新
729	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.29.0-1.1.x86_64.rpm	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	2.29.0	20.19.51	更新
730	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.29.0-1.1.x86_64.rpm	HP Ethernet 1Gb 2-port 332T Adapter	2.29.0	20.19.51	更新
731	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.29.0-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331FLR Adapter	2.29.0	20.19.51	更新
732	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.29.0-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331T Adapter	2.29.0	20.19.51	更新
733	HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-broadcom-2.29.0-1.1.x86_64.rpm	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	2.29.0	20.19.51	更新
734	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP050425.zip	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	1.30.0	20.19.51	更新
735	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP050425.zip	HP Ethernet 1Gb 2-port 332T Adapter	1.30.0	20.19.51	更新
736	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP050425.zip	HP Ethernet 1Gb 4-port 331FLR Adapter	1.30.0	20.19.51	更新
737	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP050425.zip	HP Ethernet 1Gb 4-port 331T Adapter	1.30.0	20.19.51	更新

738	HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware	CP050425.zip	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	1.30.0	20.19.51	更新
739	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050426.exe	HP Ethernet 1Gb 2-port 332i Adapter (22E8)	5.2.6.0	20.19.51	更新
740	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050426.exe	HP Ethernet 1Gb 2-port 332T Adapter	5.2.6.0	20.19.51	更新
741	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050426.exe	HP Ethernet 1Gb 4-port 331FLR Adapter	5.2.6.0	20.19.51	更新
742	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050426.exe	HP Ethernet 1Gb 4-port 331T Adapter	5.2.6.0	20.19.51	更新
743	HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050426.exe	HP Ethernet 1Gb 4-port 331i Adapter (22BE)	5.2.6.0	20.19.51	更新
744	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.22.50-1.1.x86_64.rpm	HPE Ethernet 1Gb 4-port 369i Adapter	1.22.50	1.3089.0	更新
745	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.22.50-1.1.x86_64.rpm	HPE Ethernet 1Gb 2-port 361T Adapter	1.22.50	1.3089.0	更新
746	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.22.50-1.1.x86_64.rpm	HPE Ethernet 1Gb 4-port 366FLR Adapter	1.22.50	1.3089.0	更新
747	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.22.50-1.1.x86_64.rpm	HPE Ethernet 1Gb 4-port 366T Adapter	1.22.50	1.3089.0	更新
748	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.22.50-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	1.22.50	10.57.2	更新
749	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.22.50-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	1.22.50	10.55.3	更新
750	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.22.50-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	1.22.50	10.57.2	更新
751	HPE Intel Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-intel-1.22.50-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 562T Adapter	1.22.50	10.55.3	更新
752	HPE Intel Online Firmware Upgrade Utility for VMware	CP049895.zip	HPE Ethernet 1Gb 4-port 369i Adapter	3.15.50	1.3089.0	更新
753	HPE Intel Online Firmware Upgrade Utility for VMware	CP049895.zip	HPE Ethernet 1Gb 2-port 361T Adapter	3.15.50	1.3089.0	更新
754	HPE Intel Online Firmware Upgrade Utility for VMware	CP049895.zip	HPE Ethernet 1Gb 4-port 366FLR Adapter	3.15.50	1.3089.0	更新
755	HPE Intel Online Firmware Upgrade Utility for VMware	CP049895.zip	HPE Ethernet 1Gb 4-port 366T Adapter	3.15.50	1.3089.0	更新
756	HPE Intel Online Firmware Upgrade Utility for VMware	CP049895.zip	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	3.15.50	10.57.2	更新
757	HPE Intel Online Firmware Upgrade Utility for VMware	CP049895.zip	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	3.15.50	10.55.3	更新
758	HPE Intel Online Firmware Upgrade Utility for VMware	CP049895.zip	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	3.15.50	10.57.2	更新

759	HPE Intel Online Firmware Upgrade Utility for VMware	CP049895.zip	HPE Ethernet 10Gb 2-port 562T Adapter	3.15.50	10.55.3	更新
760	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050582.exe	HPE Ethernet 1Gb 4-port 369i Adapter	5.2.6.0	1.3089.0	更新
761	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050582.exe	HPE Ethernet 1Gb 2-port 361T Adapter	5.2.6.0	1.3089.0	更新
762	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050582.exe	HPE Ethernet 1Gb 4-port 366FLR Adapter	5.2.6.0	1.3089.0	更新
763	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050582.exe	HPE Ethernet 1Gb 4-port 366T Adapter	5.2.6.0	1.3089.0	更新
764	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050582.exe	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	5.2.6.0	10.57.2	更新
765	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050582.exe	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	5.2.6.0	10.55.3	更新
766	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050582.exe	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	5.2.6.0	10.57.2	更新
767	HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050582.exe	HPE Ethernet 10Gb 2-port 562T Adapter	5.2.6.0	10.55.3	更新
768	HPE QLogic FastLinQ Firmware Package for Arrowhead adapters	ql_hp_ah_mbi_8.55.27_pldm.fwpkg	HPE 10GbE 2p BASE-T QL41401 Adptr(HPE Eth 10Gb 2p 521T Adptr)	8.55.27 (B)	8.55.27	更新
769	HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-nx2-2.30.2-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	2.30.2	7.19.02	更新
770	HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-nx2-2.30.2-1.1.x86_64.rpm	HPE Ethernet 10Gb 2-port 530T Adapter	2.30.2	7.19.02	更新
771	HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64	firmware-nic-qlogic-nx2-2.30.2-1.1.x86_64.rpm	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	2.30.2	7.19.02	更新
772	HPE QLogic NX2 Online Firmware Upgrade Utility for VMware	CP050210.zip	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	1.30.2	7.19.02	更新
773	HPE QLogic NX2 Online Firmware Upgrade Utility for VMware	CP050210.zip	HPE Ethernet 10Gb 2-port 530T Adapter	1.30.2	7.19.02	更新
774	HPE QLogic NX2 Online Firmware Upgrade Utility for VMware	CP050210.zip	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	1.30.2	7.19.02	更新
775	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050211.exe	HPE Ethernet 10Gb 2-port 530SFP+ Adapter	5.2.6.0	7.19.02	更新
776	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050211.exe	HPE Ethernet 10Gb 2-port 530T Adapter	5.2.6.0	7.19.02	更新
777	HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050211.exe	HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	5.2.6.0	7.19.02	更新
778	Intel Firmware Package For E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter	HPE_E810_CQDA2_OCP_3p00_NCSiwPLDMoM_CTP_800095B6.fwpkg	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	3.00 (B)	3.00	更新

779	Intel Firmware Package For E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter	HPE_E810_XXVDA2_SD_3p00_PLDMoMCTP_80008250.fwpkg	Intel E810-XXVDA2 adapter	3.00	3.00	
780	Intel Firmware Package For E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter	HPE_E810_XXVDA2_SD_OCP_3p00_NCSlwPLDMoMCTP_80008265.fw pkg	Intel E810-XXVDA2 OCP3 adapter	3.00	3.00	
781	Intel Firmware Package For E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter	HPE_E810_XXVDA4_FH_3p00_PLDMoMCTP_80008278.fwpkg	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	3.00	3.00	
782	Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050583.exe	HPE Ethernet 10Gb 2-port SFP+ OCP3 X710-DA2 Adapter	5.2.6.0	1.3082.0	更新
783	Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050583.exe	HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	5.2.6.0	1.3082.0	更新
784	Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050583.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	5.2.6.0	1.3082.0	更新
785	Intel Online Firmware Upgrade Utility for Windows Server x64 Editions	cp050583.exe	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	5.2.6.0	1.3082.0	更新
786	Mellanox Firmware Package(FWPKG) for HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACHT Adapter	16_32_1010-MCX512F-ACH_Ax_Bx.pldm.fwpkg	HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter	16.32.1010 (A)	16.32.1010	更新
787	Mellanox Firmware Package(FWPKG) for HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	16_32_1010-MCX562A-ACA_Ax_Bx.pldm.fwpkg	HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter	16.32.1010	16.32.1010	新規追加
788	Mellanox Firmware Package(FWPKG) for HPE Ethernet 100Gb 1-port QSFP28 MCX515A-CCAT PCIe3 x16 Adapter	16_32_1010-MCX515A-CCA_HPE_Ax.pldm.fw pkg	HPE 100GbE 1p QSFP28 MCX515A-CCAT Adptr	16.32.1010	16.32.1010	更新
789	Mellanox Firmware Package(FWPKG) for HPE Ethernet 100Gb 2-Port QSFP56 MCX623106AS-CDAT Adapter	22_32_1010-MCX623106AS-CDA_Ax.pldm.fwpkg	HPE Ethernet 100Gb 2-port QSFP56 MCX623106AS-CDAT Adapter	22.32.1010	22.32.1010	更新
790	Mellanox Firmware Package(FWPKG) for HPE InfiniBand HDR100/Ethernet 100Gb 2-port MCX653106A-ECAT QSFP56 x16 Adapter	20_32_1010-MCX653106A-ECA_HPE_Ax.pldm.fw pkg	HPE IB HDR100/EN 100Gb 2p QSFP56 Adptr	20.32.1010	20.32.1010	更新
791	Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox Ethernet only adapters	CP050368.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.11	14.32.1010	更新
792	Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox Ethernet only adapters	CP050368.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.11	14.32.1010	更新
793	Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4	CP050377.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28	1.0.10	16.32.1010	更新

	and ConnectX5 devices on VMware ESXi 6.5		Adapter			
794	Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox Ethernet only adapters	CP050369.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.7	14.32.1010	更新
795	Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox Ethernet only adapters	CP050369.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.7	14.32.1010	更新
796	Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 6.7	CP050378.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.6	16.32.1010	更新
797	Online Firmware Upgrade Utility (ESXi 7.0) for HPE Mellanox Ethernet only adapters	CP050370.zip	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.3	14.32.1010	更新
798	Online Firmware Upgrade Utility (ESXi 7.0) for HPE Mellanox Ethernet only adapters	CP050370.zip	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.3	14.32.1010	更新
799	Online Firmware Upgrade Utility (ESXi 7.0) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 7.0	CP050379.zip	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.3	16.32.1010	更新
800	Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox Ethernet only adapters	firmware-nic-mellanox-ethernet-only-1.0.16-1.1.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.16	14.32.1010	更新
801	Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox Ethernet only adapters	firmware-nic-mellanox-ethernet-only-1.0.16-1.1.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.16	14.32.1010	更新
802	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-connectx4-1.0.12-1.1.x86_64.rpm	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.12	16.32.1010	更新
803	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-1.0.8-1.1.x86_64.rpm	HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 x16 Adapter	1.0.8	20.32.1010	更新
804	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters	cp050367.exe	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.0.0.16	14.32.1010	更新
805	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters	cp050367.exe	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.0.0.16	14.32.1010	更新
806	Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Windows x86_64 platform	cp050380.exe	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	1.0.0.11	16.32.1010	更新

6.2.13 Firmware - PCIe NVMe Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
807	Online NVMe SSD Flash Component for Linux (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	firmware-hdd-c4355d15c4-4ICSHPK4-3.1.x86_64.rpm	ET000750KWJTF	4ICSHPK4 (C)	4ICSHPK4	
808	Online NVMe SSD Flash Component for Linux (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	firmware-hdd-c4355d15c4-4ICSHPK4-3.1.x86_64.rpm	EO000375KWJUC	4ICSHPK4 (C)	4ICSHPK4	
809	Online NVMe SSD Flash Component for Linux (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	firmware-hdd-c4355d15c4-4ICSHPK4-3.1.x86_64.rpm	EO000750KWTXC	4ICSHPK4 (C)	4ICSHPK4	
810	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK3-2.1.x86_64.rpm	KCD6XVUL1T60	GPK3 (B)	GPK3	
811	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK3-2.1.x86_64.rpm	KCD6XVUL3T20	GPK3 (B)	GPK3	
812	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK3-2.1.x86_64.rpm	KCD6XVUL6T40	GPK3 (B)	GPK3	
813	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK3-2.1.x86_64.rpm	KCD6XVUL12T8	GPK3 (B)	GPK3	

814	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK3-2.1.x86_64.rpm	KCD6XVUL800G	GPK3 (B)	GPK3	
815	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK3-2.1.x86_64.rpm	KCD6XLUL1T92	GPK3 (B)	GPK3	
816	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK3-2.1.x86_64.rpm	KCD6XLUL3T84	GPK3 (B)	GPK3	
817	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK3-2.1.x86_64.rpm	KCD6XLUL7T68	GPK3 (B)	GPK3	
818	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	firmware-hdd-6fc985bd3b-GPK3-2.1.x86_64.rpm	KCD6XLUL15T3	GPK3 (B)	GPK3	
819	Online NVMe SSD Flash Component for Linux (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40,	firmware-hdd-6fc985bd3b-GPK3-2.1.x86_64.rpm	KCD6XLUL960G	GPK3 (B)	GPK3	

	KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives					
820	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd- 3815d4b024-GPK3- 2.1.x86_64.rpm	KCM6XVUL800G	GPK3 (B)	GPK3	
821	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd- 3815d4b024-GPK3- 2.1.x86_64.rpm	KCM6XVUL1T60	GPK3 (B)	GPK3	
822	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd- 3815d4b024-GPK3- 2.1.x86_64.rpm	KCM6XVUL3T20	GPK3 (B)	GPK3	
823	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd- 3815d4b024-GPK3- 2.1.x86_64.rpm	KCM6XVUL6T40	GPK3 (B)	GPK3	
824	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd- 3815d4b024-GPK3- 2.1.x86_64.rpm	KCM6XRUL960G	GPK3 (B)	GPK3	
825	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd- 3815d4b024-GPK3- 2.1.x86_64.rpm	KCM6XRUL1T92	GPK3 (B)	GPK3	

826	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK3-2.1.x86_64.rpm	KCM6XRUL3T84	GPK3 (B)	GPK3	
827	Online NVMe SSD Flash Component for Linux (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	firmware-hdd-3815d4b024-GPK3-2.1.x86_64.rpm	KCM6XRUL7T68	GPK3 (B)	GPK3	
828	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-6.1.x86_64.rpm	LO0400KEFJQ	HPK4 (F)	HPK4	
829	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-6.1.x86_64.rpm	LO0800KEFJR	HPK4 (F)	HPK4	
830	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-6.1.x86_64.rpm	LO1600KEFJT	HPK4 (F)	HPK4	
831	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-6.1.x86_64.rpm	LO2000KEFJU	HPK4 (F)	HPK4	
832	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-6.1.x86_64.rpm	LT0800KEXVA	HPK4 (F)	HPK4	
833	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-6.1.x86_64.rpm	LT1600KEXVB	HPK4 (F)	HPK4	
834	Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives	firmware-hdd-d64642c780-HPK4-6.1.x86_64.rpm	LT2000KEXVC	HPK4 (F)	HPK4	
835	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUK,	firmware-hdd-b45e49679c-HPK4-6.1.x86_64.rpm	VK001920KWDUH	HPK4 (F)	HPK4	

	MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives					
836	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	firmware-hdd- b45e49679c-HPK4- 6.1.x86_64.rpm	MK001600KWDU N	HPK4 (F)	HPK4	
837	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	firmware-hdd- b45e49679c-HPK4- 6.1.x86_64.rpm	VK000960KWDUF	HPK4 (F)	HPK4	
838	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	firmware-hdd- b45e49679c-HPK4- 6.1.x86_64.rpm	MK000800KWDU L	HPK4 (F)	HPK4	
839	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	firmware-hdd- b45e49679c-HPK4- 6.1.x86_64.rpm	VK000480KWDUE	HPK4 (F)	HPK4	
840	Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	firmware-hdd- b45e49679c-HPK4- 6.1.x86_64.rpm	MK000400KWDU K	HPK4 (F)	HPK4	
841	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd- 54addf5312-HPK3- 6.1.x86_64.rpm	MK000800KWWF E	HPK3 (F)	HPK3	
842	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd- 54addf5312-HPK3- 6.1.x86_64.rpm	MK001600KWWF F	HPK3 (F)	HPK3	
843	Online NVMe SSD Flash Component for Linux (x64) -	firmware-hdd- 54addf5312-HPK3-	MK003200KWWF H	HPK3 (F)	HPK3	

	MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	6.1.x86_64.rpm				
844	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd- 54addf5312-HPK3- 6.1.x86_64.rpm	MK006400KWWF K	HPK3 (F)	HPK3	
845	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd- 54addf5312-HPK3- 6.1.x86_64.rpm	VK000960KWWFL	HPK3 (F)	HPK3	
846	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd- 54addf5312-HPK3- 6.1.x86_64.rpm	VK001920KWWF N	HPK3 (F)	HPK3	
847	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd- 54addf5312-HPK3- 6.1.x86_64.rpm	VK003840KWWFP	HPK3 (F)	HPK3	
848	Online NVMe SSD Flash Component for Linux (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	firmware-hdd- 54addf5312-HPK3- 6.1.x86_64.rpm	VK007680KWWF Q	HPK3 (F)	HPK3	
849	Online NVMe SSD Flash Component for Linux (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	firmware-hdd- cea219e4b1-HPK3- 3.1.x86_64.rpm	MO001600KVVN B	HPK3 (C)	HPK3	

850	Online NVMe SSD Flash Component for Linux (x64) - MO001600KWVNB, MO003200KWVNC, MO006400KWVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	firmware-hdd-cea219e4b1-HPK3-3.1.x86_64.rpm	MO003200KWVNC	HPK3 (C)	HPK3	
851	Online NVMe SSD Flash Component for Linux (x64) - MO001600KWVNB, MO003200KWVNC, MO006400KWVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	firmware-hdd-cea219e4b1-HPK3-3.1.x86_64.rpm	MO006400KWVND	HPK3 (C)	HPK3	
852	Online NVMe SSD Flash Component for Linux (x64) - MO001600KWVNB, MO003200KWVNC, MO006400KWVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	firmware-hdd-cea219e4b1-HPK3-3.1.x86_64.rpm	MT001600KWSTB	HPK3 (C)	HPK3	
853	Online NVMe SSD Flash Component for Linux (x64) - MO001600KWVNB, MO003200KWVNC, MO006400KWVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	firmware-hdd-cea219e4b1-HPK3-3.1.x86_64.rpm	MT003200KWSTC	HPK3 (C)	HPK3	
854	Online NVMe SSD Flash Component for Linux (x64) - MO001600KWVNB, MO003200KWVNC, MO006400KWVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	firmware-hdd-cea219e4b1-HPK3-3.1.x86_64.rpm	MT006400KWSTD	HPK3 (C)	HPK3	
855	Online NVMe SSD Flash Component for Linux (x64) - MO001600KWZQP and MO003200KWZQQ Drives	firmware-hdd-95b6ae2e85-HPK5-4.1.x86_64.rpm	MO001600KWZQP	HPK5 (D)	HPK5	
856	Online NVMe SSD Flash Component for Linux (x64) - MO001600KWZQP and MO003200KWZQQ Drives	firmware-hdd-95b6ae2e85-HPK5-4.1.x86_64.rpm	MO003200KWZQQ	HPK5 (D)	HPK5	
857	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd-2a5b65f157-HPK4-6.1.x86_64.rpm	MO0400KEFHN	HPK4 (F)	HPK4	
858	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd-2a5b65f157-HPK4-6.1.x86_64.rpm	MO0800KEFHP	HPK4 (F)	HPK4	
859	Online NVMe SSD Flash Component for Linux (x64) -	firmware-hdd-2a5b65f157-HPK4-	MO1600KEFHQ	HPK4 (F)	HPK4	

	MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	6.1.x86_64.rpm				
860	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd- 2a5b65f157-HPK4- 6.1.x86_64.rpm	MO2000KEFHR	HPK4 (F)	HPK4	
861	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd- 2a5b65f157-HPK4- 6.1.x86_64.rpm	MT0800KEXUU	HPK4 (F)	HPK4	
862	Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	firmware-hdd- 2a5b65f157-HPK4- 6.1.x86_64.rpm	MT1600KEXUV	HPK4 (F)	HPK4	
863	Online NVMe SSD Flash Component for Linux (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	firmware-hdd- 8e8ddc5265-HPK1- 3.1.x86_64.rpm	MT001600KWHAC	HPK1 (C)	HPK1	更新
864	Online NVMe SSD Flash Component for Linux (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	firmware-hdd- 8e8ddc5265-HPK1- 3.1.x86_64.rpm	MT003200KWHAD	HPK1 (C)	HPK1	更新
865	Online NVMe SSD Flash Component for Linux (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	firmware-hdd- 8e8ddc5265-HPK1- 3.1.x86_64.rpm	MT006400KWHAE	HPK1 (C)	HPK1	更新
866	Online NVMe SSD Flash Component for Linux (x64) - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	firmware-hdd- 6628fce235-EPK75H3Q- 2.1.x86_64.rpm	MZPLJ1T6HBJR- 000H3	EPK75H3Q (B)	EPK75H3Q	
867	Online NVMe SSD Flash Component for Linux (x64) - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	firmware-hdd- 6628fce235-EPK75H3Q- 2.1.x86_64.rpm	MZPLJ3T2HBJR- 000H3	EPK75H3Q (B)	EPK75H3Q	
868	Online NVMe SSD Flash Component for Linux (x64) - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	firmware-hdd- 6628fce235-EPK75H3Q- 2.1.x86_64.rpm	MZPLJ6T4HALA- 000H3	EPK75H3Q (B)	EPK75H3Q	
869	Online NVMe SSD Flash Component for Linux (x64) - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3,	firmware-hdd- e320db791d- MPK75H5Q- 3.1.x86_64.rpm	MZXL5800HBHQ- 000H3	MPK75H5Q (C)	MPK75H5Q	

	MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBL5-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv					
870	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- MPK75H5Q- 3.1.x86_64.rpm	MZXL51T6HBJR- 000H3	MPK75H5Q (C)	MPK75H5Q	
871	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- MPK75H5Q- 3.1.x86_64.rpm	MZXL53T2HBL5- 000H3	MPK75H5Q (C)	MPK75H5Q	
872	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- MPK75H5Q- 3.1.x86_64.rpm	MZXL56T4HALA- 000H3	MPK75H5Q (C)	MPK75H5Q	
873	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- MPK75H5Q- 3.1.x86_64.rpm	MZXL512THALA- 000H3	MPK75H5Q (C)	MPK75H5Q	
874	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- MPK75H5Q- 3.1.x86_64.rpm	MZXL5960HBHQ- 000H3	MPK75H5Q (C)	MPK75H5Q	

875	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-MPK75H5Q-3.1.x86_64.rpm	MZXL51T9HBJR-000H3	MPK75H5Q (C)	MPK75H5Q	
876	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-MPK75H5Q-3.1.x86_64.rpm	MZXL53T8HBLS-000H3	MPK75H5Q (C)	MPK75H5Q	
877	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-MPK75H5Q-3.1.x86_64.rpm	MZXL57T6HALA-000H3	MPK75H5Q (C)	MPK75H5Q	
878	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-MPK75H5Q-3.1.x86_64.rpm	MZXL515THALA-000H3	MPK75H5Q (C)	MPK75H5Q	
879	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK3-2.1.x86_64.rpm	VO000960KXAVL	HPK3 (B)	HPK3	
880	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT,	firmware-hdd-035a863453-HPK3-2.1.x86_64.rpm	VO001920KXAVP	HPK3 (B)	HPK3	

	MO003200KXAVU and MO006400KXAVV Drives					
881	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK3-2.1.x86_64.rpm	VO003840KXAVQ	HPK3 (B)	HPK3	
882	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK3-2.1.x86_64.rpm	VO007680KXAVR	HPK3 (B)	HPK3	
883	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK3-2.1.x86_64.rpm	MO000800KXAVN	HPK3 (B)	HPK3	
884	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK3-2.1.x86_64.rpm	MO001600KXAVT	HPK3 (B)	HPK3	
885	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK3-2.1.x86_64.rpm	MO003200KXAVU	HPK3 (B)	HPK3	
886	Online NVMe SSD Flash Component for Linux (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	firmware-hdd-035a863453-HPK3-2.1.x86_64.rpm	MO006400KXAVV	HPK3 (B)	HPK3	
887	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF,	firmware-hdd-1656c1b14a-4ICDHPK1-2.1.x86_64.rpm	VO001000KWJSE	4ICDHPK1 (B)	4ICDHPK1	

	VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives					
888	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd- 1656c1b14a-4ICDHPK1- 2.1.x86_64.rpm	VO002000KWJSF	4ICDHPK1 (B)	4ICDHPK1	
889	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd- 1656c1b14a-4ICDHPK1- 2.1.x86_64.rpm	VO004000KWJSH	4ICDHPK1 (B)	4ICDHPK1	
890	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd- 1656c1b14a-4ICDHPK1- 2.1.x86_64.rpm	VT004000KWJSU	4ICDHPK1 (B)	4ICDHPK1	
891	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd- 1656c1b14a-4ICDHPK1- 2.1.x86_64.rpm	MO001600KWJSN	4ICDHPK1 (B)	4ICDHPK1	
892	Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	firmware-hdd- 1656c1b14a-4ICDHPK1- 2.1.x86_64.rpm	MO003200KWJSQ	4ICDHPK1 (B)	4ICDHPK1	
893	Online NVMe SSD Flash Component for Linux (x64) - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	firmware-hdd- fe9c474847-HPK3- 3.1.x86_64.rpm	VO001920KWVMT	HPK3 (C)	HPK3	
894	Online NVMe SSD Flash Component for Linux (x64) - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	firmware-hdd- fe9c474847-HPK3- 3.1.x86_64.rpm	VO003840KWVMU	HPK3 (C)	HPK3	
895	Online NVMe SSD Flash Component for Linux (x64) - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	firmware-hdd- fe9c474847-HPK3- 3.1.x86_64.rpm	VO007680KWVMV	HPK3 (C)	HPK3	
896	Online NVMe SSD Flash Component for Linux (x64) - VO001920KWZQR and VO003840KWZQT Drives	firmware-hdd- 2af7385a1e-HPK5- 4.1.x86_64.rpm	VO001920KWZQR	HPK5 (D)	HPK5	
897	Online NVMe SSD Flash Component for Linux (x64) - VO001920KWZQR and	firmware-hdd- 2af7385a1e-HPK5- 4.1.x86_64.rpm	VO003840KWZQT	HPK5 (D)	HPK5	

	VO003840KWZQT Drives					
898	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd-92d876cfea-4ICRHPK3-3.1.x86_64.rpm	VO002000KWVVC	4ICRHPK3 (C)	4ICRHPK3	
899	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd-92d876cfea-4ICRHPK3-3.1.x86_64.rpm	VO004000KWVUR	4ICRHPK3 (C)	4ICRHPK3	
900	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd-92d876cfea-4ICRHPK3-3.1.x86_64.rpm	MO001600KWVU U	4ICRHPK3 (C)	4ICRHPK3	
901	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd-92d876cfea-4ICRHPK3-3.1.x86_64.rpm	MO003200KWVU V	4ICRHPK3 (C)	4ICRHPK3	
902	Online NVMe SSD Flash Component for Linux (x64) - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	firmware-hdd-92d876cfea-4ICRHPK3-3.1.x86_64.rpm	MO006400KWVV A	4ICRHPK3 (C)	4ICRHPK3	
903	Online NVMe SSD Flash Component for Linux (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	firmware-hdd-9a826ccd8a-HPK4-6.1.x86_64.rpm	VO0400KEFJB	HPK4 (F)	HPK4	
904	Online NVMe SSD Flash Component for Linux (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	firmware-hdd-9a826ccd8a-HPK4-6.1.x86_64.rpm	VO1200KEFJC	HPK4 (F)	HPK4	
905	Online NVMe SSD Flash Component for Linux (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	firmware-hdd-9a826ccd8a-HPK4-6.1.x86_64.rpm	VO2000KEFJD	HPK4 (F)	HPK4	
906	Online NVMe SSD Flash Component for Linux (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	firmware-hdd-95a2e5abcb-HPK4-6.1.x86_64.rpm	VS000480KWDUP	HPK4 (F)	HPK4	
907	Online NVMe SSD Flash Component for Linux (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	firmware-hdd-95a2e5abcb-HPK4-6.1.x86_64.rpm	VS000960KWDUQ	HPK4 (F)	HPK4	
908	Online NVMe SSD Flash Component for Linux (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	firmware-hdd-95a2e5abcb-HPK4-6.1.x86_64.rpm	MS000400KWDU R	HPK4 (F)	HPK4	

909	Online NVMe SSD Flash Component for Linux (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	firmware-hdd-95a2e5abcb-HPK4-6.1.x86_64.rpm	MS000800KWDUT	HPK4 (F)	HPK4	
910	Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWAFP and VS000960KWAFN Drives	firmware-hdd-805abb7e9c-85032G00-1.1.x86_64.rpm	VS003840KWXFQ	85032G00	85032G00	更新
911	Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWAFP and VS000960KWAFN Drives	firmware-hdd-805abb7e9c-85032G00-1.1.x86_64.rpm	VS000960KWAFN	85032G00	85032G00	更新
912	Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWAFP and VS000960KWAFN Drives	firmware-hdd-805abb7e9c-85032G00-1.1.x86_64.rpm	VS001920KWAFP	85032G00	85032G00	更新
913	Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWAFP and VS000960KWAFN Drives	firmware-hdd-805abb7e9c-85032G00-1.1.x86_64.rpm	VS000480KXALB	85032G00	85032G00	更新
914	Online NVMe SSD Flash Component for VMware ESXi - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	CP048513.zip	ET000750KWJTF	4ICSHPK4 (B)	4ICSHPK4	
915	Online NVMe SSD Flash Component for VMware ESXi - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	CP048513.zip	EO000375KWJUC	4ICSHPK4 (B)	4ICSHPK4	
916	Online NVMe SSD Flash Component for VMware ESXi - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	CP048513.zip	EO000750KWTXC	4ICSHPK4 (B)	4ICSHPK4	
917	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP049279.zip	KCD6XVUL800G	GPK3 (B)	GPK3	
918	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92,	CP049279.zip	KCD6XVUL1T60	GPK3 (B)	GPK3	

	KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives					
919	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP049279.zip	KCD6XVUL3T20	GPK3 (B)	GPK3	
920	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP049279.zip	KCD6XVUL6T40	GPK3 (B)	GPK3	
921	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP049279.zip	KCD6XVUL12T8	GPK3 (B)	GPK3	
922	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP049279.zip	KCD6XLUL960G	GPK3 (B)	GPK3	
923	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP049279.zip	KCD6XLUL1T92	GPK3 (B)	GPK3	
924	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G,	CP049279.zip	KCD6XLUL3T84	GPK3 (B)	GPK3	

	KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives					
925	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP049279.zip	KCD6XLUL7T68	GPK3 (B)	GPK3	
926	Online NVMe SSD Flash Component for VMware ESXi - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	CP049279.zip	KCD6XLUL15T3	GPK3 (B)	GPK3	
927	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP049284.zip	KCM6XVUL800G	GPK3 (B)	GPK3	
928	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP049284.zip	KCM6XVUL1T60	GPK3 (B)	GPK3	
929	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP049284.zip	KCM6XVUL3T20	GPK3 (B)	GPK3	
930	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G,	CP049284.zip	KCM6XVUL6T40	GPK3 (B)	GPK3	

	KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives					
931	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP049284.zip	KCM6XRUL960G	GPK3 (B)	GPK3	
932	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP049284.zip	KCM6XRUL1T92	GPK3 (B)	GPK3	
933	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP049284.zip	KCM6XRUL3T84	GPK3 (B)	GPK3	
934	Online NVMe SSD Flash Component for VMware ESXi - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	CP049284.zip	KCM6XRUL7T68	GPK3 (B)	GPK3	
935	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP045718.zip	LO0400KEFJQ	HPK4 (E)	HPK4	
936	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP045718.zip	LO0800KEFJR	HPK4 (E)	HPK4	
937	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP045718.zip	LO1600KEFJT	HPK4 (E)	HPK4	
938	Online NVMe SSD Flash	CP045718.zip	LO2000KEFJU	HPK4 (E)	HPK4	

	Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives					
939	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP045718.zip	LT0800KEXVA	HPK4 (E)	HPK4	
940	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP045718.zip	LT1600KEXVB	HPK4 (E)	HPK4	
941	Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	CP045718.zip	LT2000KEXVC	HPK4 (E)	HPK4	
942	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	CP048486.zip	MK000400KWDU K	HPK4 (G)	HPK4	
943	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	CP048486.zip	VK000480KWDUE	HPK4 (G)	HPK4	
944	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	CP048486.zip	MK000800KWDU L	HPK4 (G)	HPK4	
945	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	CP048486.zip	VK000960KWDUF	HPK4 (G)	HPK4	
946	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	CP048486.zip	MK001600KWDU N	HPK4 (G)	HPK4	
947	Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK,	CP048486.zip	VK001920KWDUH	HPK4 (G)	HPK4	

	VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives					
948	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP048467.zip	MK000800KWWF E	HPK3 (C)	HPK3	
949	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP048467.zip	MK001600KWWF F	HPK3 (C)	HPK3	
950	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP048467.zip	MK003200KWWF H	HPK3 (C)	HPK3	
951	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP048467.zip	MK006400KWWF K	HPK3 (C)	HPK3	
952	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP048467.zip	VK000960KWWFL	HPK3 (C)	HPK3	
953	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP048467.zip	VK001920KWWF N	HPK3 (C)	HPK3	
954	Online NVMe SSD Flash	CP048467.zip	VK003840KWWFP	HPK3 (C)	HPK3	

	Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives					
955	Online NVMe SSD Flash Component for VMware ESXi - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	CP048467.zip	VK007680KWWF Q	HPK3 (C)	HPK3	
956	Online NVMe SSD Flash Component for VMware ESXi - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	CP048478.zip	MO001600KVVN B	HPK3 (B)	HPK3	
957	Online NVMe SSD Flash Component for VMware ESXi - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	CP048478.zip	MO003200KVVN C	HPK3 (B)	HPK3	
958	Online NVMe SSD Flash Component for VMware ESXi - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	CP048478.zip	MO006400KVVN D	HPK3 (B)	HPK3	
959	Online NVMe SSD Flash Component for VMware ESXi - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	CP048478.zip	MT001600KWSTB	HPK3 (B)	HPK3	
960	Online NVMe SSD Flash Component for VMware ESXi - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	CP048478.zip	MT003200KWSTC	HPK3 (B)	HPK3	
961	Online NVMe SSD Flash Component for VMware ESXi - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and	CP048478.zip	MT006400KWSTD	HPK3 (B)	HPK3	

	MT006400KWSTD Drives					
962	Online NVMe SSD Flash Component for VMware ESXi - MO001600KWZQP and MO003200KWZQQ Drives	CP048472.zip	MO001600KWZQP	HPK5 (C)	HPK5	
963	Online NVMe SSD Flash Component for VMware ESXi - MO001600KWZQP and MO003200KWZQQ Drives	CP048472.zip	MO003200KWZQQ	HPK5 (C)	HPK5	
964	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	CP048489.zip	MO0400KEFHN	HPK4 (E)	HPK4	
965	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	CP048489.zip	MO0800KEFHP	HPK4 (E)	HPK4	
966	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	CP048489.zip	MO1600KEFHQ	HPK4 (E)	HPK4	
967	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	CP048489.zip	MO2000KEFHR	HPK4 (E)	HPK4	
968	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	CP048489.zip	MT0800KEXUU	HPK4 (E)	HPK4	
969	Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	CP048489.zip	MT1600KEXUV	HPK4 (E)	HPK4	
970	Online NVMe SSD Flash Component for VMware ESXi - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	CP050549.zip	MT001600KWHAC	HPK1	HPK1	更新
971	Online NVMe SSD Flash Component for VMware ESXi - MT001600KWHAC, MT003200KWHAD and	CP050549.zip	MT003200KWHAD	HPK1	HPK1	更新

	MT006400KWHAE Drives					
972	Online NVMe SSD Flash Component for VMware ESXi - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	CP050549.zip	MT006400KWHAE	HPK1	HPK1	更新
973	Online NVMe SSD Flash Component for VMware ESXi - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	CP048458.zip	MZPLJ1T6HBJR-000H3	EPK75H3Q (B)	EPK75H3Q	
974	Online NVMe SSD Flash Component for VMware ESXi - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	CP048458.zip	MZPLJ3T2HBJR-000H3	EPK75H3Q (B)	EPK75H3Q	
975	Online NVMe SSD Flash Component for VMware ESXi - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	CP048458.zip	MZPLJ6T4HALA-000H3	EPK75H3Q (B)	EPK75H3Q	
976	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	CP048456.zip	MZXL5800HBHQ-000H3	MPK75H5Q (B)	MPK75H5Q	
977	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	CP048456.zip	MZXL51T6HBJR-000H3	MPK75H5Q (B)	MPK75H5Q	
978	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	CP048456.zip	MZXL53T2HBLS-000H3	MPK75H5Q (B)	MPK75H5Q	
979	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3, MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3,	CP048456.zip	MZXL56T4HALA-000H3	MPK75H5Q (B)	MPK75H5Q	

	MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv					
980	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	CP048456.zip	MZXL5960HBHQ- 000H3	MPK75H5Q (B)	MPK75H5Q	
981	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	CP048456.zip	MZXL51T9HBJR- 000H3	MPK75H5Q (B)	MPK75H5Q	
982	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	CP048456.zip	MZXL53T8HBLS- 000H3	MPK75H5Q (B)	MPK75H5Q	
983	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	CP048456.zip	MZXL57T6HALA- 000H3	MPK75H5Q (B)	MPK75H5Q	
984	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	CP048456.zip	MZXL515THALA- 000H3	MPK75H5Q (B)	MPK75H5Q	
985	Online NVMe SSD Flash Component for VMware ESXi - MZXL5800HBHQ-000H3,	CP048456.zip	MZXL512THALA- 000H3	MPK75H5Q (B)	MPK75H5Q	

	MZXL51T6HBJR-000H3, MZXL53T2HBLS-000H3, MZXL56T4HALA-000H3, MZXL512THALA-000H3, MZXL5960HBHQ-000H3, MZXL51T9HBJR-000H3, MZXL53T8HBLS-000H3, MZXL57T6HALA-000H3 and MZXL515THALA-00H3 Driv					
986	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP049302.zip	VO000960KXAVL	HPK3 (B)	HPK3	
987	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP049302.zip	VO001920KXAVP	HPK3 (B)	HPK3	
988	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP049302.zip	VO003840KXAVQ	HPK3 (B)	HPK3	
989	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP049302.zip	VO007680KXAVR	HPK3 (B)	HPK3	
990	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP049302.zip	MO000800KXAVN	HPK3 (B)	HPK3	
991	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN,	CP049302.zip	MO001600KXAVT	HPK3 (B)	HPK3	

	MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives					
992	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP049302.zip	MO003200KXAVU	HPK3 (B)	HPK3	
993	Online NVMe SSD Flash Component for VMware ESXi - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	CP049302.zip	MO006400KXAVV	HPK3 (B)	HPK3	
994	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	CP048471.zip	VO001000KWJSE	4ICDHPK1 (B)	4ICDHPK1	
995	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	CP048471.zip	VO002000KWJSF	4ICDHPK1 (B)	4ICDHPK1	
996	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	CP048471.zip	VO004000KWJSH	4ICDHPK1 (B)	4ICDHPK1	
997	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	CP048471.zip	VT004000KWJSU	4ICDHPK1 (B)	4ICDHPK1	
998	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	CP048471.zip	MO001600KWJSN	4ICDHPK1 (B)	4ICDHPK1	
999	Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE,	CP048471.zip	MO003200KWJSQ	4ICDHPK1 (B)	4ICDHPK1	

	VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives					
1000	Online NVMe SSD Flash Component for VMware ESXi - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	CP048469.zip	VO001920KWVMT	HPK3 (B)	HPK3	
1001	Online NVMe SSD Flash Component for VMware ESXi - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	CP048469.zip	VO003840KWVMU	HPK3 (B)	HPK3	
1002	Online NVMe SSD Flash Component for VMware ESXi - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	CP048469.zip	VO007680KWVMV	HPK3 (B)	HPK3	
1003	Online NVMe SSD Flash Component for VMware ESXi - VO001920KWZQR and VO003840KWZQT Drives	CP048473.zip	VO001920KWZQR	HPK5 (C)	HPK5	
1004	Online NVMe SSD Flash Component for VMware ESXi - VO001920KWZQR and VO003840KWZQT Drives	CP048473.zip	VO003840KWZQT	HPK5 (C)	HPK5	
1005	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP048511.zip	VO002000KWVVC	4ICRHPK3 (B)	4ICRHPK3	
1006	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP048511.zip	VO004000KWVUR	4ICRHPK3 (B)	4ICRHPK3	
1007	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP048511.zip	MO001600KWVUU	4ICRHPK3 (B)	4ICRHPK3	
1008	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP048511.zip	MO003200KWVUV	4ICRHPK3 (B)	4ICRHPK3	
1009	Online NVMe SSD Flash Component for VMware ESXi - VO002000KWVVC, VO004000KWVUR, MO001600KWVUU, MO003200KWVUV and MO006400KWVVA Drives	CP048511.zip	MO006400KWVVA	4ICRHPK3 (B)	4ICRHPK3	
1010	Online NVMe SSD Flash Component for VMware ESXi - VO0400KEFJB, VO1200KEFJC	CP045719.zip	VO0400KEFJB	HPK4 (E)	HPK4	

	and VO2000KEFJD Drives					
1011	Online NVMe SSD Flash Component for VMware ESXi - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	CP045719.zip	VO1200KEFJC	HPK4 (E)	HPK4	
1012	Online NVMe SSD Flash Component for VMware ESXi - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	CP045719.zip	VO2000KEFJD	HPK4 (E)	HPK4	
1013	Online NVMe SSD Flash Component for VMware ESXi - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	CP048484.zip	VS000480KWDUP	HPK4 (E)	HPK4	
1014	Online NVMe SSD Flash Component for VMware ESXi - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	CP048484.zip	VS000960KWDUQ	HPK4 (E)	HPK4	
1015	Online NVMe SSD Flash Component for VMware ESXi - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	CP048484.zip	MS000400KWDUR	HPK4 (E)	HPK4	
1016	Online NVMe SSD Flash Component for VMware ESXi - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	CP048484.zip	MS000800KWDUT	HPK4 (E)	HPK4	
1017	Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWXFP and VS003840KWXFQ Drives	CP049351.zip	VS003840KWXFQ	85032G00	85032G00	更新
1018	Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWXFP and VS003840KWXFQ Drives	CP049351.zip	VS001920KWXFP	85032G00	85032G00	更新
1019	Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWXFP and VS003840KWXFQ Drives	CP049351.zip	VS000960KWXFN	85032G00	85032G00	更新
1020	Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWXFN, VS001920KWXFP and VS003840KWXFQ Drives	CP049351.zip	VS000480KXALB	85032G00	85032G00	更新
1021	Online NVMe SSD Flash Component for Windows (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	cp048692.exe	ET000750KWJTF	4ICSHPK4 (B)	4ICSHPK4	
1022	Online NVMe SSD Flash Component for Windows (x64) - ET000750KWJTF, EO000750KWTXC and	cp048692.exe	EO000375KWJUC	4ICSHPK4 (B)	4ICSHPK4	

	EO000375KWJUC Drives					
1023	Online NVMe SSD Flash Component for Windows (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives	cp048692.exe	EO000750KWTXC	4ICSHPK4 (B)	4ICSHPK4	
1024	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp049282.exe	KCD6XVUL800G	GPK3 (B)	GPK3	
1025	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp049282.exe	KCD6XVUL1T60	GPK3 (B)	GPK3	
1026	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp049282.exe	KCD6XVUL3T20	GPK3 (B)	GPK3	
1027	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp049282.exe	KCD6XVUL6T40	GPK3 (B)	GPK3	
1028	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp049282.exe	KCD6XVUL12T8	GPK3 (B)	GPK3	

1029	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp049282.exe	KCD6XLUL960G	GPK3 (B)	GPK3	
1030	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp049282.exe	KCD6XLUL1T92	GPK3 (B)	GPK3	
1031	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp049282.exe	KCD6XLUL3T84	GPK3 (B)	GPK3	
1032	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp049282.exe	KCD6XLUL7T68	GPK3 (B)	GPK3	
1033	Online NVMe SSD Flash Component for Windows (x64) - KCD6XVUL800G, KCD6XVUL1T60, KCD6XVUL3T20, KCD6XVUL6T40, KCD6XVUL12T8, KCD6XLUL960G, KCD6XLUL1T92, KCD6XLUL3T84, KCD6XLUL7T68 and KCD6XLUL15T3 Drives	cp049282.exe	KCD6XLUL15T3	GPK3 (B)	GPK3	
1034	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40,	cp049285.exe	KCM6XVUL800G	GPK3 (B)	GPK3	

	KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives					
1035	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp049285.exe	KCM6XVUL1T60	GPK3 (B)	GPK3	
1036	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp049285.exe	KCM6XVUL3T20	GPK3 (B)	GPK3	
1037	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp049285.exe	KCM6XVUL6T40	GPK3 (B)	GPK3	
1038	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp049285.exe	KCM6XRUL960G	GPK3 (B)	GPK3	
1039	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp049285.exe	KCM6XRUL1T92	GPK3 (B)	GPK3	
1040	Online NVMe SSD Flash Component for Windows (x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives	cp049285.exe	KCM6XRUL3T84	GPK3 (B)	GPK3	
1041	Online NVMe SSD Flash Component for Windows	cp049285.exe	KCM6XRUL7T68	GPK3 (B)	GPK3	

	(x64) - KCM6XVUL800G, KCM6XVUL1T60, KCM6XVUL3T20, KCM6XVUL6T40, KCM6XRUL960G, KCM6XRUL1T92, KCM6XRUL3T84 and KCM6XRUL7T68 Drives					
1042	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp048428.exe	LO0400KEFJQ	HPK4 (D)	HPK4	
1043	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp048428.exe	LO0800KEFJR	HPK4 (D)	HPK4	
1044	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp048428.exe	LO1600KEFJT	HPK4 (D)	HPK4	
1045	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp048428.exe	LO2000KEFJU	HPK4 (D)	HPK4	
1046	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp048428.exe	LT0800KEXVA	HPK4 (D)	HPK4	
1047	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp048428.exe	LT1600KEXVB	HPK4 (D)	HPK4	
1048	Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives	cp048428.exe	LT2000KEXVC	HPK4 (D)	HPK4	
1049	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	cp048479.exe	VK001920KWDUH	HPK4 (D)	HPK4	
1050	Online NVMe SSD Flash	cp048479.exe	MK001600KWDU	HPK4 (D)	HPK4	

	Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives		N			
1051	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	cp048479.exe	VK000960KWDUF	HPK4 (D)	HPK4	
1052	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	cp048479.exe	MK000800KWDUL	HPK4 (D)	HPK4	
1053	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	cp048479.exe	VK000480KWDUE	HPK4 (D)	HPK4	
1054	Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives	cp048479.exe	MK000400KWDUK	HPK4 (D)	HPK4	
1055	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp048463.exe	MK000800KWWFE	HPK3 (C)	HPK3	
1056	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp048463.exe	MK001600KWWFF	HPK3 (C)	HPK3	
1057	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL,	cp048463.exe	MK003200KWWFH	HPK3 (C)	HPK3	

	VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives					
1058	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp048463.exe	MK006400KWWF K	HPK3 (C)	HPK3	
1059	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp048463.exe	VK000960KWWFL	HPK3 (C)	HPK3	
1060	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp048463.exe	VK001920KWWF N	HPK3 (C)	HPK3	
1061	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp048463.exe	VK003840KWWFP	HPK3 (C)	HPK3	
1062	Online NVMe SSD Flash Component for Windows (x64) - MK000800KWWFE, MK001600KWWFF, MK003200KWWFH, MK006400KWWFK, VK000960KWWFL, VK001920KWWFN, VK003840KWWFP and VK007680KWWFQ Drives	cp048463.exe	VK007680KWWF Q	HPK3 (C)	HPK3	
1063	Online NVMe SSD Flash Component for Windows (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	cp048684.exe	MO001600KVVN B	HPK3 (B)	HPK3	
1064	Online NVMe SSD Flash Component for Windows (x64) - MO001600KVVNB, MO003200KVVNC, MO006400KVVND,	cp048684.exe	MO003200KVVN C	HPK3 (B)	HPK3	

	MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives					
1065	Online NVMe SSD Flash Component for Windows (x64) - MO001600KWVNB, MO003200KWVNC, MO006400KWVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	cp048684.exe	MO006400KWVND	HPK3 (B)	HPK3	
1066	Online NVMe SSD Flash Component for Windows (x64) - MO001600KWVNB, MO003200KWVNC, MO006400KWVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	cp048684.exe	MT001600KWSTB	HPK3 (B)	HPK3	
1067	Online NVMe SSD Flash Component for Windows (x64) - MO001600KWVNB, MO003200KWVNC, MO006400KWVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	cp048684.exe	MT003200KWSTC	HPK3 (B)	HPK3	
1068	Online NVMe SSD Flash Component for Windows (x64) - MO001600KWVNB, MO003200KWVNC, MO006400KWVND, MT001600KWSTB, MT003200KWSTC and MT006400KWSTD Drives	cp048684.exe	MT006400KWSTD	HPK3 (B)	HPK3	
1069	Online NVMe SSD Flash Component for Windows (x64) - MO001600KWZQP and MO003200KWZQQ Drives	cp048685.exe	MO001600KWZQP	HPK5 (C)	HPK5	
1070	Online NVMe SSD Flash Component for Windows (x64) - MO001600KWZQP and MO003200KWZQQ Drives	cp048685.exe	MO003200KWZQQ	HPK5 (C)	HPK5	
1071	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	cp048475.exe	MO0400KEFHN	HPK4 (D)	HPK4	
1072	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	cp048475.exe	MO0800KEFHP	HPK4 (D)	HPK4	
1073	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and	cp048475.exe	MO1600KEFHQ	HPK4 (D)	HPK4	

	MT1600KEXUV Drives					
1074	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	cp048475.exe	MO2000KEFHR	HPK4 (D)	HPK4	
1075	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	cp048475.exe	MT0800KEXUU	HPK4 (D)	HPK4	
1076	Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives	cp048475.exe	MT1600KEXUV	HPK4 (D)	HPK4	
1077	Online NVMe SSD Flash Component for Windows (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	cp050550.exe	MT001600KWHAC	HPK1	HPK1	更新
1078	Online NVMe SSD Flash Component for Windows (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	cp050550.exe	MT003200KWHAD	HPK1	HPK1	更新
1079	Online NVMe SSD Flash Component for Windows (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives	cp050550.exe	MT006400KWHAE	HPK1	HPK1	更新
1080	Online NVMe SSD Flash Component for Windows (x64) - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	cp048301.exe	MZPLJ1T6HBJR-000H3	EPK75H3Q (B)	EPK75H3Q	
1081	Online NVMe SSD Flash Component for Windows (x64) - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	cp048301.exe	MZPLJ3T2HBJR-000H3	EPK75H3Q (B)	EPK75H3Q	
1082	Online NVMe SSD Flash Component for Windows (x64) - MZPLJ1T6HBJR-000H3, MZPLJ3T2HBJR-000H3 and MZPLJ6T4HALA-000H3 Drives	cp048301.exe	MZPLJ6T4HALA-000H3	EPK75H3Q (B)	EPK75H3Q	
1083	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-	cp048464.exe	MZXL5800HBHQ-000H3	MPK75H5Q (B)	MPK75H5Q	

	000H3 and MZXL515THALA-0 Drive					
1084	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	cp048464.exe	MZXL51T6HBJR-000H3	MPK75H5Q (B)	MPK75H5Q	
1085	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	cp048464.exe	MZXL53T2HBLS-000H3	MPK75H5Q (B)	MPK75H5Q	
1086	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	cp048464.exe	MZXL56T4HALA-000H3	MPK75H5Q (B)	MPK75H5Q	
1087	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	cp048464.exe	MZXL512THALA-000H3	MPK75H5Q (B)	MPK75H5Q	
1088	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	cp048464.exe	MZXL5960HBHQ-000H3	MPK75H5Q (B)	MPK75H5Q	

	Drive					
1089	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	cp048464.exe	MZXL51T9HBJR-000H3	MPK75H5Q (B)	MPK75H5Q	
1090	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	cp048464.exe	MZXL53T8HBLS-000H3	MPK75H5Q (B)	MPK75H5Q	
1091	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	cp048464.exe	MZXL57T6HALA-000H3	MPK75H5Q (B)	MPK75H5Q	
1092	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	cp048464.exe	MZXL515THALA-000H3	MPK75H5Q (B)	MPK75H5Q	
1093	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp049303.exe	VO000960KXAVL	HPK3 (B)	HPK3	
1094	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL,	cp049303.exe	VO001920KXAVP	HPK3 (B)	HPK3	

	VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives					
1095	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp049303.exe	VO003840KXAVQ	HPK3 (B)	HPK3	
1096	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp049303.exe	VO007680KXAVR	HPK3 (B)	HPK3	
1097	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp049303.exe	MO000800KXAVN	HPK3 (B)	HPK3	
1098	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp049303.exe	MO001600KXAVT	HPK3 (B)	HPK3	
1099	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and MO006400KXAVV Drives	cp049303.exe	MO003200KXAVU	HPK3 (B)	HPK3	
1100	Online NVMe SSD Flash Component for Windows (x64) - VO000960KXAVL, VO001920KXAVP, VO003840KXAVQ, VO007680KXAVR, MO000800KXAVN, MO001600KXAVT, MO003200KXAVU and	cp049303.exe	MO006400KXAVV	HPK3 (B)	HPK3	

	MO006400KXAVV Drives					
1101	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp048438.exe	VO001000KWJSE	4ICDHPK1 (B)	4ICDHPK1	
1102	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp048438.exe	VO002000KWJSF	4ICDHPK1 (B)	4ICDHPK1	
1103	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp048438.exe	VO004000KWJSH	4ICDHPK1 (B)	4ICDHPK1	
1104	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp048438.exe	VT004000KWJSU	4ICDHPK1 (B)	4ICDHPK1	
1105	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp048438.exe	MO001600KWJSN	4ICDHPK1 (B)	4ICDHPK1	
1106	Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives	cp048438.exe	MO003200KWJSQ	4ICDHPK1 (B)	4ICDHPK1	
1107	Online NVMe SSD Flash Component for Windows (x64) - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	cp048462.exe	VO001920KWVMT	HPK3 (B)	HPK3	
1108	Online NVMe SSD Flash Component for Windows (x64) - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	cp048462.exe	VO003840KWVMU	HPK3 (B)	HPK3	
1109	Online NVMe SSD Flash Component for Windows (x64) - VO001920KWVMT, VO003840KWVMU, and VO007680KWVMV Drives	cp048462.exe	VO007680KWVMV	HPK3 (B)	HPK3	
1110	Online NVMe SSD Flash Component for Windows	cp048687.exe	VO001920KWZQR	HPK5 (C)	HPK5	

	(x64) - VO001920KWZQR and VO003840KWZQT Drives					
1111	Online NVMe SSD Flash Component for Windows (x64) - VO001920KWZQR and VO003840KWZQT Drives	cp048687.exe	VO003840KWZQT	HPK5 (C)	HPK5	
1112	Online NVMe SSD Flash Component for Windows (x64) - VO002000KVVVC, VO004000KVVUR, MO001600KVVUU, MO003200KVVUV and MO006400KVVVA Drives	cp048693.exe	VO002000KVVVC	4ICRHPK3 (B)	4ICRHPK3	
1113	Online NVMe SSD Flash Component for Windows (x64) - VO002000KVVVC, VO004000KVVUR, MO001600KVVUU, MO003200KVVUV and MO006400KVVVA Drives	cp048693.exe	VO004000KVVUR	4ICRHPK3 (B)	4ICRHPK3	
1114	Online NVMe SSD Flash Component for Windows (x64) - VO002000KVVVC, VO004000KVVUR, MO001600KVVUU, MO003200KVVUV and MO006400KVVVA Drives	cp048693.exe	MO001600KVVU U	4ICRHPK3 (B)	4ICRHPK3	
1115	Online NVMe SSD Flash Component for Windows (x64) - VO002000KVVVC, VO004000KVVUR, MO001600KVVUU, MO003200KVVUV and MO006400KVVVA Drives	cp048693.exe	MO003200KVVU V	4ICRHPK3 (B)	4ICRHPK3	
1116	Online NVMe SSD Flash Component for Windows (x64) - VO002000KVVVC, VO004000KVVUR, MO001600KVVUU, MO003200KVVUV and MO006400KVVVA Drives	cp048693.exe	MO006400KVVV A	4ICRHPK3 (B)	4ICRHPK3	
1117	Online NVMe SSD Flash Component for Windows (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	cp048476.exe	VO0400KEFJB	HPK4 (D)	HPK4	
1118	Online NVMe SSD Flash Component for Windows (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	cp048476.exe	VO1200KEFJC	HPK4 (D)	HPK4	
1119	Online NVMe SSD Flash Component for Windows (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives	cp048476.exe	VO2000KEFJD	HPK4 (D)	HPK4	
1120	Online NVMe SSD Flash Component for Windows (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	cp048487.exe	VS000480KWDUP	HPK4 (D)	HPK4	
1121	Online NVMe SSD Flash Component for Windows (x64) - VS000480KWDUP, VS000960KWDUQ,	cp048487.exe	VS000960KWDUQ	HPK4 (D)	HPK4	

	MS000400KWDUR and MS000800KWDUT Drives					
1122	Online NVMe SSD Flash Component for Windows (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	cp048487.exe	MS000400KWDUR	HPK4 (D)	HPK4	
1123	Online NVMe SSD Flash Component for Windows (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR and MS000800KWDUT Drives	cp048487.exe	MS000800KWDUT	HPK4 (D)	HPK4	
1124	Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWAFP and VS000960KWAFN drives	cp050167.exe	VS000480KXALB	85032G00 (B)	85032G00	更新
1125	Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWAFP and VS000960KWAFN drives	cp050167.exe	VS000960KWAFN	85032G00 (B)	85032G00	更新
1126	Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWAFP and VS000960KWAFN drives	cp050167.exe	VS001920KWAFP	85032G00 (B)	85032G00	更新
1127	Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWAFP and VS000960KWAFN drives	cp050167.exe	VS003840KWXFQ	85032G00 (B)	85032G00	更新

6.2.14 Firmware - Power Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
1128	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	cp051165.exe	Innovation Engine (IE) Firmware	0.2.3.0	0.2.3.0	更新
1129	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-1.0.8-1.1.x86_64.rpm	Gen10 Plus Power Management Controller Firmware	1.0.8	1.0.8	
1130	Online ROM Flash for Windows x64 - Advanced Power Capping Microcontroller Firmware for servers using Intel Xeon Scalable 3100/4100/5100/6100/8100 series Processors	cp049686.exe	Gen10 Plus Power Management Controller Firmware	1.0.8	1.0.8	
1131	Online ROM Flash for	cp047531.exe	Innovation Engine	1.0.0.20	1.0.0.20	

	Windows x64 - Innovation Engine Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors		(IE) Firmware			
1132	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.fwpgk	Gen10 Plus Power Management Controller Firmware	1.0.8	1.0.8	

6.2.15 Firmware - SAS Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
1133	Online HDD/SSD Flash Component for Linux (x64) - EG000300JWBHR Drive	firmware-hdd-2e4c61fc63-HPD5-2.1.x86_64.rpm	EG000300JWBHR	HPD5 (B)	HPD5	
1134	Online HDD/SSD Flash Component for Linux (x64) - EG000300JWFVB Drive	firmware-hdd-c5cd837c29-HPD3-2.1.x86_64.rpm	EG000300JWFVB	HPD3 (B)	HPD3	
1135	Online HDD/SSD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	firmware-hdd-24fe569b72-HPD5-1.1.x86_64.rpm	EG000300JWSJP	HPD5	HPD5	更新
1136	Online HDD/SSD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	firmware-hdd-24fe569b72-HPD5-1.1.x86_64.rpm	EG000600JWJNH	HPD5	HPD5	更新
1137	Online HDD/SSD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	firmware-hdd-24fe569b72-HPD5-1.1.x86_64.rpm	EG001200JWJNK	HPD5	HPD5	更新
1138	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWEBH and EG000300JWEBF Drives	firmware-hdd-aa9e289524-HPD5-2.1.x86_64.rpm	EG000600JWEBH	HPD5 (B)	HPD5	
1139	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWEBH and EG000300JWEBF Drives	firmware-hdd-aa9e289524-HPD5-2.1.x86_64.rpm	EG000300JWEBF	HPD5 (B)	HPD5	
1140	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWFUV and EG001200JWFVA Drives	firmware-hdd-f0c91d2fe3-HPD4-2.1.x86_64.rpm	EG000600JWFUV	HPD4 (B)	HPD4	
1141	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWFUV and EG001200JWFVA Drives	firmware-hdd-f0c91d2fe3-HPD4-2.1.x86_64.rpm	EG001200JWFVA	HPD4 (B)	HPD4	
1142	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP and EG001200JWJNQ Drives	firmware-hdd-bdfb8e99d9-HPD4-2.1.x86_64.rpm	EG000600JWJNP	HPD4 (B)	HPD4	
1143	Online HDD/SSD Flash Component for Linux (x64) - EG000600JWJNP and EG001200JWJNQ Drives	firmware-hdd-bdfb8e99d9-HPD4-2.1.x86_64.rpm	EG001200JWJNQ	HPD4 (B)	HPD4	
1144	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWFVC Drive	firmware-hdd-693b9a2853-HPD4-2.1.x86_64.rpm	EG001800JWFVC	HPD4 (B)	HPD4	

1145	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNL and EG002400JWJNN Drives	firmware-hdd-852266afdf-HPD5-1.1.x86_64.rpm	EG001800JWJNL	HPD5	HPD5	更新
1146	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNL and EG002400JWJNN Drives	firmware-hdd-852266afdf-HPD5-1.1.x86_64.rpm	EG002400JWJNN	HPD5	HPD5	更新
1147	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR and EG002400JWJNT Drives	firmware-hdd-b1c9eaf74c-HPD6-2.1.x86_64.rpm	EG001800JWJNR	HPD6 (B)	HPD6	
1148	Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNR and EG002400JWJNT Drives	firmware-hdd-b1c9eaf74c-HPD6-2.1.x86_64.rpm	EG002400JWJNT	HPD6 (B)	HPD6	
1149	Online HDD/SSD Flash Component for Linux (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSP and EG0900FCSPN Drives	firmware-hdd-7c1a1734f9-HPD2-8.1.x86_64.rpm	EG0300FCSPH	HPD2 (H)	HPD2	
1150	Online HDD/SSD Flash Component for Linux (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSP and EG0900FCSPN Drives	firmware-hdd-7c1a1734f9-HPD2-8.1.x86_64.rpm	EG0450FCSPK	HPD2 (H)	HPD2	
1151	Online HDD/SSD Flash Component for Linux (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSP and EG0900FCSPN Drives	firmware-hdd-7c1a1734f9-HPD2-8.1.x86_64.rpm	EG0600FCSP	HPD2 (H)	HPD2	
1152	Online HDD/SSD Flash Component for Linux (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FCSP and EG0900FCSPN Drives	firmware-hdd-7c1a1734f9-HPD2-8.1.x86_64.rpm	EG0900FCSPN	HPD2 (H)	HPD2	
1153	Online HDD/SSD Flash Component for Linux (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	firmware-hdd-31f91b8622-HPD5-9.1.x86_64.rpm	EG0300JEHLV	HPD5 (I)	HPD5	
1154	Online HDD/SSD Flash Component for Linux (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	firmware-hdd-31f91b8622-HPD5-9.1.x86_64.rpm	EG0600JEHMA	HPD5 (I)	HPD5	
1155	Online HDD/SSD Flash Component for Linux (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	firmware-hdd-31f91b8622-HPD5-9.1.x86_64.rpm	EG0900JEHMB	HPD5 (I)	HPD5	
1156	Online HDD/SSD Flash Component for Linux (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	firmware-hdd-31f91b8622-HPD5-9.1.x86_64.rpm	EG1200JEHMC	HPD5 (I)	HPD5	
1157	Online HDD/SSD Flash Component for Linux (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	firmware-hdd-ac3fda26eb-HPD6-9.1.x86_64.rpm	EG0600JEMCV	HPD6 (I)	HPD6	
1158	Online HDD/SSD Flash Component for Linux (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	firmware-hdd-ac3fda26eb-HPD6-9.1.x86_64.rpm	EG1200JEMDA	HPD6 (I)	HPD6	

1159	Online HDD/SSD Flash Component for Linux (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	firmware-hdd-ac3fda26eb-HPD6-9.1.x86_64.rpm	EG0300JFCKA	HPD6 (I)	HPD6	
1160	Online HDD/SSD Flash Component for Linux (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	firmware-hdd-ac3fda26eb-HPD6-9.1.x86_64.rpm	EG0900JFCKB	HPD6 (I)	HPD6	
1161	Online HDD/SSD Flash Component for Linux (x64) - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	firmware-hdd-7505dfb5ae-HPD8-2.1.x86_64.rpm	EG0600JETKA	HPD8 (B)	HPD8	
1162	Online HDD/SSD Flash Component for Linux (x64) - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	firmware-hdd-7505dfb5ae-HPD8-2.1.x86_64.rpm	EG0900JETKB	HPD8 (B)	HPD8	
1163	Online HDD/SSD Flash Component for Linux (x64) - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	firmware-hdd-7505dfb5ae-HPD8-2.1.x86_64.rpm	EG1200JETKC	HPD8 (B)	HPD8	
1164	Online HDD/SSD Flash Component for Linux (x64) - EG1800JEHMD Drive	firmware-hdd-8a2c06af48-HPD6-9.1.x86_64.rpm	EG1800JEHMD	HPD6 (I)	HPD6	
1165	Online HDD/SSD Flash Component for Linux (x64) - EG1800JEMDB Drive	firmware-hdd-0a38b25661-HPD5-8.1.x86_64.rpm	EG1800JEMDB	HPD5 (H)	HPD5	
1166	Online HDD/SSD Flash Component for Linux (x64) - EG1800JFHMH Drive	firmware-hdd-7fc5497116-HPD8-2.1.x86_64.rpm	EG1800JFHMH	HPD8 (B)	HPD8	
1167	Online HDD/SSD Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	firmware-hdd-3d97759111-HPD7-2.1.x86_64.rpm	EH000900JWCPN	HPD7 (B)	HPD7	
1168	Online HDD/SSD Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	firmware-hdd-3d97759111-HPD7-2.1.x86_64.rpm	EH000600JWCPL	HPD7 (B)	HPD7	
1169	Online HDD/SSD Flash Component for Linux (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	firmware-hdd-3d97759111-HPD7-2.1.x86_64.rpm	EH000300JWCPK	HPD7 (B)	HPD7	
1170	Online HDD/SSD Flash Component for Linux (x64) - EH000600JWCPF and EH000900JWCPH Drives	firmware-hdd-a05f29cef3-HPD9-2.1.x86_64.rpm	EH000900JWCPH	HPD9 (B)	HPD9	
1171	Online HDD/SSD Flash Component for Linux (x64) - EH000600JWCPF and EH000900JWCPH Drives	firmware-hdd-a05f29cef3-HPD9-2.1.x86_64.rpm	EH000600JWCPF	HPD9 (B)	HPD9	
1172	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPK and EH000600JWHPH Drives	firmware-hdd-c7df7ceedb-HPD7-2.1.x86_64.rpm	EH000900JWHPK	HPD7 (B)	HPD7	
1173	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPK and EH000600JWHPH Drives	firmware-hdd-c7df7ceedb-HPD7-2.1.x86_64.rpm	EH000600JWHPH	HPD7 (B)	HPD7	
1174	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and	firmware-hdd-8d68452816-HPD7-2.1.x86_64.rpm	EH000900JWHPP	HPD7 (B)	HPD7	

	EH000300JWHPL Drives					
1175	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	firmware-hdd-8d68452816-HPD7-2.1.x86_64.rpm	EH000600JWHPN	HPD7 (B)	HPD7	
1176	Online HDD/SSD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	firmware-hdd-8d68452816-HPD7-2.1.x86_64.rpm	EH000300JWHPL	HPD7 (B)	HPD7	
1177	Online HDD/SSD Flash Component for Linux (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	firmware-hdd-1cbab97ff0-HPD5-8.1.x86_64.rpm	EH0300JDXBA	HPD5 (H)	HPD5	
1178	Online HDD/SSD Flash Component for Linux (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	firmware-hdd-1cbab97ff0-HPD5-8.1.x86_64.rpm	EH0450JDXBB	HPD5 (H)	HPD5	
1179	Online HDD/SSD Flash Component for Linux (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	firmware-hdd-1cbab97ff0-HPD5-8.1.x86_64.rpm	EH0600JDXBC	HPD5 (H)	HPD5	
1180	Online HDD/SSD Flash Component for Linux (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	firmware-hdd-b9340d29be-HPD6-9.1.x86_64.rpm	EH0300JDYTH	HPD6 (I)	HPD6	
1181	Online HDD/SSD Flash Component for Linux (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	firmware-hdd-b9340d29be-HPD6-9.1.x86_64.rpm	EH0450JDYTK	HPD6 (I)	HPD6	
1182	Online HDD/SSD Flash Component for Linux (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	firmware-hdd-b9340d29be-HPD6-9.1.x86_64.rpm	EH0600JDYTL	HPD6 (I)	HPD6	
1183	Online HDD/SSD Flash Component for Linux (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	firmware-hdd-8c4a212ff9-HPD4-9.1.x86_64.rpm	EH0300JEDHC	HPD4 (I)	HPD4	
1184	Online HDD/SSD Flash Component for Linux (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	firmware-hdd-8c4a212ff9-HPD4-9.1.x86_64.rpm	EH0450JEDHD	HPD4 (I)	HPD4	
1185	Online HDD/SSD Flash Component for Linux (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	firmware-hdd-8c4a212ff9-HPD4-9.1.x86_64.rpm	EH0600JEDHE	HPD4 (I)	HPD4	
1186	Online HDD/SSD Flash Component for Linux (x64) - EH0600JDYTN Drive	firmware-hdd-f3faa195ff-HPD7-8.1.x86_64.rpm	EH0600JDYTN	HPD7 (H)	HPD7	
1187	Online HDD/SSD Flash Component for Linux (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	firmware-hdd-481c8ea9a7-HPD7-4.1.x86_64.rpm	EK0800JVYPN	HPD7 (D)	HPD7	
1188	Online HDD/SSD Flash Component for Linux (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	firmware-hdd-481c8ea9a7-HPD7-4.1.x86_64.rpm	EO1600JVYPP	HPD7 (D)	HPD7	
1189	Online HDD/SSD Flash Component for Linux (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	firmware-hdd-481c8ea9a7-HPD7-4.1.x86_64.rpm	MK0800JVYPQ	HPD7 (D)	HPD7	
1190	Online HDD/SSD Flash	firmware-hdd-	MO1600JVYPR	HPD7 (D)	HPD7	

	Component for Linux (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	481c8ea9a7-HPD7-4.1.x86_64.rpm				
1191	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-6.1.x86_64.rpm	EO000400JWDKP	HPD2 (F)	HPD2	
1192	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-6.1.x86_64.rpm	EO000800JWDKQ	HPD2 (F)	HPD2	
1193	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-6.1.x86_64.rpm	EO001600JWDKR	HPD2 (F)	HPD2	
1194	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-6.1.x86_64.rpm	MO000400JWDK U	HPD2 (F)	HPD2	
1195	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-6.1.x86_64.rpm	MO000800JWDK V	HPD2 (F)	HPD2	
1196	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	firmware-hdd-5dcf26fa42-HPD2-6.1.x86_64.rpm	MO001600JWDLA	HPD2 (F)	HPD2	
1197	Online HDD/SSD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and	firmware-hdd-5dcf26fa42-HPD2-6.1.x86_64.rpm	MO003200JWDLB	HPD2 (F)	HPD2	

	MO003200JWDLB Drives					
1198	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	firmware-hdd-42aff4675b-HPD2-1.1.x86_64.rpm	EO000400PXDBQ	HPD2	HPD2	更新
1199	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	firmware-hdd-42aff4675b-HPD2-1.1.x86_64.rpm	EO000800PXDCK	HPD2	HPD2	更新
1200	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	firmware-hdd-42aff4675b-HPD2-1.1.x86_64.rpm	EO001600PXDCH	HPD2	HPD2	更新
1201	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	firmware-hdd-42aff4675b-HPD2-1.1.x86_64.rpm	MO000800PXDBP	HPD2	HPD2	更新
1202	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE,	firmware-hdd-42aff4675b-HPD2-1.1.x86_64.rpm	MO001600PXDCC	HPD2	HPD2	更新

	VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives					
1203	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd- 42aff4675b-HPD2- 1.1.x86_64.rpm	MO003200PXDCD	HPD2	HPD2	更新
1204	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd- 42aff4675b-HPD2- 1.1.x86_64.rpm	MO006400PXDCE	HPD2	HPD2	更新
1205	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd- 42aff4675b-HPD2- 1.1.x86_64.rpm	VO000960PXDBN	HPD2	HPD2	更新
1206	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd- 42aff4675b-HPD2- 1.1.x86_64.rpm	VO001920PXDBR	HPD2	HPD2	更新
1207	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCH,	firmware-hdd- 42aff4675b-HPD2- 1.1.x86_64.rpm	VO003840PXDBT	HPD2	HPD2	更新

	MO000800PXDBP, MO001600PXDCD, MO003200PXDCD, MO006400PXDCD, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives					
1208	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCD, EO001600PXDCD, MO000800PXDBP, MO001600PXDCD, MO003200PXDCD, MO006400PXDCD, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd- 42aff4675b-HPD2- 1.1.x86_64.rpm	VO007680PXDBU	HPD2	HPD2	更新
1209	Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCD, EO001600PXDCD, MO000800PXDBP, MO001600PXDCD, MO003200PXDCD, MO006400PXDCD, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	firmware-hdd- 42aff4675b-HPD2- 1.1.x86_64.rpm	VO015300PXDBV	HPD2	HPD2	更新
1210	Online HDD/SSD Flash Component for Linux (x64) - MB002000JWFVN and MB004000JWFVP Drives	firmware-hdd- d7af557f47-HPD4- 2.1.x86_64.rpm	MB002000JWFVN	HPD4 (B)	HPD4	
1211	Online HDD/SSD Flash Component for Linux (x64) - MB002000JWFVN and MB004000JWFVP Drives	firmware-hdd- d7af557f47-HPD4- 2.1.x86_64.rpm	MB004000JWFVP	HPD4 (B)	HPD4	
1212	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWFVK and MB006000JWFVL Drives	firmware-hdd- f6d00bd17e-HPD4- 2.1.x86_64.rpm	MB004000JWFVK	HPD4 (B)	HPD4	
1213	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWFVK and MB006000JWFVL Drives	firmware-hdd- f6d00bd17e-HPD4- 2.1.x86_64.rpm	MB006000JWFVL	HPD4 (B)	HPD4	
1214	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWKGU Drive	firmware-hdd- 2c27a7a9a4-HPD2- 2.1.x86_64.rpm	MB004000JWKGU	HPD2 (B)	HPD2	
1215	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWWQB, MB002000JWWQA and MB001000JWWPV Drives	firmware-hdd- adb3ab8147-HPD6- 2.1.x86_64.rpm	MB004000JWWQ B	HPD6 (B)	HPD6	
1216	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWWQB, MB002000JWWQA and MB001000JWWPV Drives	firmware-hdd- adb3ab8147-HPD6- 2.1.x86_64.rpm	MB002000JWWQ A	HPD6 (B)	HPD6	

1217	Online HDD/SSD Flash Component for Linux (x64) - MB004000JWWQB, MB002000JWWQA and MB001000JWWPV Drives	firmware-hdd-adb3ab8147-HPD6-2.1.x86_64.rpm	MB001000JWWPV	HPD6 (B)	HPD6	
1218	Online HDD/SSD Flash Component for Linux (x64) - MB006000JWKGN Drive	firmware-hdd-a886842a99-HPD2-2.1.x86_64.rpm	MB006000JWKGN	HPD2 (B)	HPD2	
1219	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWJRQ and MB006000JWJRP Drives	firmware-hdd-faf39e0ff7-HPD9-2.1.x86_64.rpm	MB008000JWJRQ	HPD9 (B)	HPD9	
1220	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWJRQ and MB006000JWJRP Drives	firmware-hdd-faf39e0ff7-HPD9-2.1.x86_64.rpm	MB006000JWJRP	HPD9 (B)	HPD9	
1221	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWRD Drive	firmware-hdd-8b26d1ef02-HPD2-2.1.x86_64.rpm	MB008000JWRD	HPD2 (B)	HPD2	
1222	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWWQP and MB006000JWWQN Drives	firmware-hdd-ae6b41e855-HPD6-2.1.x86_64.rpm	MB008000JWWQP	HPD6 (B)	HPD6	
1223	Online HDD/SSD Flash Component for Linux (x64) - MB008000JWWQP and MB006000JWWQN Drives	firmware-hdd-ae6b41e855-HPD6-2.1.x86_64.rpm	MB006000JWWQN	HPD6 (B)	HPD6	
1224	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWAYK and MB008000JWAYH Drives	firmware-hdd-6ec35faf90-HPD6-2.1.x86_64.rpm	MB010000JWAYK	HPD6 (B)	HPD6	
1225	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWAYK and MB008000JWAYH Drives	firmware-hdd-6ec35faf90-HPD6-2.1.x86_64.rpm	MB008000JWAYH	HPD6 (B)	HPD6	
1226	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	firmware-hdd-cf0b6cabe1-HPD2-2.1.x86_64.rpm	MB010000JWZHA	HPD2 (B)	HPD2	
1227	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	firmware-hdd-cf0b6cabe1-HPD2-2.1.x86_64.rpm	MB012000JWZHB	HPD2 (B)	HPD2	
1228	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	firmware-hdd-cf0b6cabe1-HPD2-2.1.x86_64.rpm	MB014000JWZHC	HPD2 (B)	HPD2	
1229	Online HDD/SSD Flash Component for Linux (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	firmware-hdd-cf0b6cabe1-HPD2-2.1.x86_64.rpm	MB016000JWZHE	HPD2 (B)	HPD2	
1230	Online HDD/SSD Flash Component for Linux (x64) - MB012000JWDFD Drive	firmware-hdd-aaf1014ede-HPD3-2.1.x86_64.rpm	MB012000JWDFD	HPD3 (B)	HPD3	
1231	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTH and MB012000JWRTH Drives	firmware-hdd-10385ef3e6-HPD2-6.1.x86_64.rpm	MB014000JWRTH	HPD2 (F)	HPD2	

	MB010000JWRTE Drives					
1232	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	firmware-hdd-10385ef3e6-HPD2-6.1.x86_64.rpm	MB012000JWRTF	HPD2 (F)	HPD2	
1233	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	firmware-hdd-10385ef3e6-HPD2-6.1.x86_64.rpm	MB010000JWRTE	HPD2 (F)	HPD2	
1234	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWTFD and MB012000JWTFD Drives	firmware-hdd-4ba9615f90-HPD8-2.1.x86_64.rpm	MB014000JWTFD	HPD8 (B)	HPD8	
1235	Online HDD/SSD Flash Component for Linux (x64) - MB014000JWTFD and MB012000JWTFD Drives	firmware-hdd-4ba9615f90-HPD8-2.1.x86_64.rpm	MB012000JWTFD	HPD8 (B)	HPD8	
1236	Online HDD/SSD Flash Component for Linux (x64) - MB014000JUWDB Drive	firmware-hdd-cfd7436fcc-HPD3-2.1.x86_64.rpm	MB014000JUWDB	HPD3 (B)	HPD3	
1237	Online HDD/SSD Flash Component for Linux (x64) - MB016000JWXKH Drive	firmware-hdd-8a0371a425-HPD9-2.1.x86_64.rpm	MB016000JWXKH	HPD9 (B)	HPD9	
1238	Online HDD/SSD Flash Component for Linux (x64) - MB016000JXLBA and MB018000JXLAU Drives	firmware-hdd-d550523365-HPD2-1.1.x86_64.rpm	MB016000JXLBA	HPD2	HPD2	
1239	Online HDD/SSD Flash Component for Linux (x64) - MB016000JXLBA and MB018000JXLAU Drives	firmware-hdd-d550523365-HPD2-1.1.x86_64.rpm	MB018000JXLAU	HPD2	HPD2	
1240	Online HDD/SSD Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	firmware-hdd-b85516c7d2-HPD3-6.1.x86_64.rpm	MB1000JVYZL	HPD3 (F)	HPD3	
1241	Online HDD/SSD Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	firmware-hdd-b85516c7d2-HPD3-6.1.x86_64.rpm	MB2000JVYZN	HPD3 (F)	HPD3	
1242	Online HDD/SSD Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	firmware-hdd-b85516c7d2-HPD3-6.1.x86_64.rpm	MB3000JVYZP	HPD3 (F)	HPD3	
1243	Online HDD/SSD Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	firmware-hdd-b85516c7d2-HPD3-6.1.x86_64.rpm	MB4000JVYZQ	HPD3 (F)	HPD3	
1244	Online HDD/SSD Flash Component for Linux (x64) - MB2000JFDSL and MB4000JFDSN Drives	firmware-hdd-46fc43ab26-HPD4-8.1.x86_64.rpm	MB2000JFDSL	HPD4 (H)	HPD4	
1245	Online HDD/SSD Flash Component for Linux (x64) - MB2000JFDSL and MB4000JFDSN Drives	firmware-hdd-46fc43ab26-HPD4-8.1.x86_64.rpm	MB4000JFDSN	HPD4 (H)	HPD4	
1246	Online HDD/SSD Flash Component for Linux (x64) - MB2000JFEML and MB4000JFEMN Drives	firmware-hdd-624b75c7e2-HPD6-8.1.x86_64.rpm	MB2000JFEML	HPD6 (H)	HPD6	
1247	Online HDD/SSD Flash	firmware-hdd-	MB4000JFEMN	HPD6 (H)	HPD6	

	Component for Linux (x64) - MB2000JFEML and MB4000JFEMN Drives	624b75c7e2-HPD6-8.1.x86_64.rpm				
1248	Online HDD/SSD Flash Component for Linux (x64) - MB2000JFEPA and MB4000JFEPB Drives	firmware-hdd-326de7c0f2-HPD5-8.1.x86_64.rpm	MB2000JFEPA	HPD5 (H)	HPD5	
1249	Online HDD/SSD Flash Component for Linux (x64) - MB2000JFEPA and MB4000JFEPB Drives	firmware-hdd-326de7c0f2-HPD5-8.1.x86_64.rpm	MB4000JFEPB	HPD5 (H)	HPD5	
1250	Online HDD/SSD Flash Component for Linux (x64) - MB4000JEFNC and MB6000JEFND Drives	firmware-hdd-af802bb412-HPD9-8.1.x86_64.rpm	MB4000JEFNC	HPD9 (H)	HPD9	
1251	Online HDD/SSD Flash Component for Linux (x64) - MB4000JEFNC and MB6000JEFND Drives	firmware-hdd-af802bb412-HPD9-8.1.x86_64.rpm	MB6000JEFND	HPD9 (H)	HPD9	
1252	Online HDD/SSD Flash Component for Linux (x64) - MB4000JEQNL and MB6000JEQNN Drives	firmware-hdd-2cfaac41db-HPDB-8.1.x86_64.rpm	MB4000JEQNL	HPDB (H)	HPDB	
1253	Online HDD/SSD Flash Component for Linux (x64) - MB4000JEQNL and MB6000JEQNN Drives	firmware-hdd-2cfaac41db-HPDB-8.1.x86_64.rpm	MB6000JEQNN	HPDB (H)	HPDB	
1254	Online HDD/SSD Flash Component for Linux (x64) - MB4000JEXYA and MB6000JEXYB Drives	firmware-hdd-0f923833e9-HPD9-6.1.x86_64.rpm	MB4000JEXYA	HPD9 (F)	HPD9	
1255	Online HDD/SSD Flash Component for Linux (x64) - MB4000JEXYA and MB6000JEXYB Drives	firmware-hdd-0f923833e9-HPD9-6.1.x86_64.rpm	MB6000JEXYB	HPD9 (F)	HPD9	
1256	Online HDD/SSD Flash Component for Linux (x64) - MB6000JEUUV and MB8000JEUVA Drives	firmware-hdd-df22f7effd-HPDB-8.1.x86_64.rpm	MB6000JEUUV	HPDB (H)	HPDB	
1257	Online HDD/SSD Flash Component for Linux (x64) - MB6000JEUUV and MB8000JEUVA Drives	firmware-hdd-df22f7effd-HPDB-8.1.x86_64.rpm	MB8000JEUVA	HPDB (H)	HPDB	
1258	Online HDD/SSD Flash Component for Linux (x64) - MB6000JVYYV Drive	firmware-hdd-0595c2a887-HPD2-8.1.x86_64.rpm	MB6000JVYYV	HPD2 (H)	HPD2	
1259	Online HDD/SSD Flash Component for Linux (x64) - MB6000JVYZD and MB4000JVYZC Drives	firmware-hdd-e800e8d3b9-HPD4-6.1.x86_64.rpm	MB6000JVYZD	HPD4 (F)	HPD4	
1260	Online HDD/SSD Flash Component for Linux (x64) - MB6000JVYZD and MB4000JVYZC Drives	firmware-hdd-e800e8d3b9-HPD4-6.1.x86_64.rpm	MB4000JVYZC	HPD4 (F)	HPD4	
1261	Online HDD/SSD Flash Component for Linux (x64) - MB8000JFECQ Drive	firmware-hdd-252770cdda-HPD7-7.1.x86_64.rpm	MB8000JFECQ	HPD7 (G)	HPD7	
1262	Online HDD/SSD Flash Component for Linux (x64) - MM1000JEFRB and MM2000JEFRC Drives	firmware-hdd-b04257b77b-HPD9-2.1.x86_64.rpm	MM1000JEFRB	HPD9 (B)	HPD9	
1263	Online HDD/SSD Flash Component for Linux (x64) - MM1000JEFRB and MM2000JEFRC Drives	firmware-hdd-b04257b77b-HPD9-2.1.x86_64.rpm	MM2000JEFRC	HPD9 (B)	HPD9	
1264	Online HDD/SSD Flash	firmware-hdd-	MM1000JFJTH	HPD4 (B)	HPD4	

	Component for Linux (x64) - MM1000JFJTH and MM002000JWCNF Drives	fa46c607d6-HPD4-2.1.x86_64.rpm				
1265	Online HDD/SSD Flash Component for Linux (x64) - MM1000JFJTH and MM002000JWCNF Drives	firmware-hdd-fa46c607d6-HPD4-2.1.x86_64.rpm	MM002000JWCNF	HPD4 (B)	HPD4	
1266	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	firmware-hdd-b8a60fbe9a-HPD5-5.1.x86_64.rpm	MO000400JWFVN	HPD5 (E)	HPD5	
1267	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	firmware-hdd-b8a60fbe9a-HPD5-5.1.x86_64.rpm	MO000800JWFVP	HPD5 (E)	HPD5	
1268	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	firmware-hdd-b8a60fbe9a-HPD5-5.1.x86_64.rpm	MO001600JWFVQ	HPD5 (E)	HPD5	
1269	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	firmware-hdd-b8a60fbe9a-HPD5-5.1.x86_64.rpm	MO003200JWFVR	HPD5 (E)	HPD5	
1270	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	firmware-hdd-b8a60fbe9a-HPD5-5.1.x86_64.rpm	MO000960JWFVT	HPD5 (E)	HPD5	
1271	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	firmware-hdd-b8a60fbe9a-HPD5-5.1.x86_64.rpm	MO001920JWFVU	HPD5 (E)	HPD5	
1272	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ,	firmware-hdd-b8a60fbe9a-HPD5-5.1.x86_64.rpm	MO003840JWFVV	HPD5 (E)	HPD5	

	MO003200JWFWR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives					
1273	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd- ef93133161-HPD3- 3.1.x86_64.rpm	MO000400JWUFT	HPD3 (C)	HPD3	
1274	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd- ef93133161-HPD3- 3.1.x86_64.rpm	MO000800JWUF U	HPD3 (C)	HPD3	
1275	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd- ef93133161-HPD3- 3.1.x86_64.rpm	MO001600JWUFV	HPD3 (C)	HPD3	
1276	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd- ef93133161-HPD3- 3.1.x86_64.rpm	MO003200JWUG A	HPD3 (C)	HPD3	
1277	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd- ef93133161-HPD3- 3.1.x86_64.rpm	MO006400JWUG B	HPD3 (C)	HPD3	
1278	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd- ef93133161-HPD3- 3.1.x86_64.rpm	EO000400JWUGC	HPD3 (C)	HPD3	
1279	Online HDD/SSD Flash Component for Linux (x64) -	firmware-hdd- ef93133161-HPD3-	EO000800JWUGD	HPD3 (C)	HPD3	

	MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	3.1.x86_64.rpm				
1280	Online HDD/SSD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	firmware-hdd- ef93133161-HPD3- 3.1.x86_64.rpm	EO001600JWUGE	HPD3 (C)	HPD3	
1281	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- 2.1.x86_64.rpm	MO000800JXBEV	HPD1 (B)	HPD1	
1282	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- 2.1.x86_64.rpm	MO001600JXBFP	HPD1 (B)	HPD1	
1283	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- 2.1.x86_64.rpm	MO003200JXBFO	HPD1 (B)	HPD1	
1284	Online HDD/SSD Flash Component for Linux (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR,	firmware-hdd- 24384980ec-HPD1- 2.1.x86_64.rpm	MO006400JXBFR	HPD1 (B)	HPD1	

	MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives					
1285	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- 2.1.x86_64.rpm	MO000960JXBFA	HPD1 (B)	HPD1	
1286	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- 2.1.x86_64.rpm	MO001920JXBFT	HPD1 (B)	HPD1	
1287	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- 2.1.x86_64.rpm	MO003840JXBFU	HPD1 (B)	HPD1	
1288	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- 2.1.x86_64.rpm	MO007680JXBGA	HPD1 (B)	HPD1	
1289	Online HDD/SSD Flash Component for Linux (x64) -	firmware-hdd- 24384980ec-HPD1-	MO015360JXBFV	HPD1 (B)	HPD1	

	MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	2.1.x86_64.rpm				
1290	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- 2.1.x86_64.rpm	EO000400JXBEU	HPD1 (B)	HPD1	
1291	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- 2.1.x86_64.rpm	EO000800JXBFL	HPD1 (B)	HPD1	
1292	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- 2.1.x86_64.rpm	EO001600JXBFN	HPD1 (B)	HPD1	
1293	Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	firmware-hdd- 71af849f3b-HPD3- 8.1.x86_64.rpm	EO0800JEFPF	HPD3 (H)	HPD3	
1294	Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA,	firmware-hdd- 71af849f3b-HPD3- 8.1.x86_64.rpm	EO0400JEFPE	HPD3 (H)	HPD3	

	MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives					
1295	Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	firmware-hdd- 71af849f3b-HPD3- 8.1.x86_64.rpm	EO0200JEFPD	HPD3 (H)	HPD3	
1296	Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	firmware-hdd- 71af849f3b-HPD3- 8.1.x86_64.rpm	MO1600JEFPC	HPD3 (H)	HPD3	
1297	Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	firmware-hdd- 71af849f3b-HPD3- 8.1.x86_64.rpm	MO0800JEFPB	HPD3 (H)	HPD3	
1298	Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	firmware-hdd- 71af849f3b-HPD3- 8.1.x86_64.rpm	MO0400JEFPA	HPD3 (H)	HPD3	
1299	Online HDD/SSD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	firmware-hdd- 71af849f3b-HPD3- 8.1.x86_64.rpm	MO0200JEFNV	HPD3 (H)	HPD3	
1300	Online HDD/SSD Flash Component for Linux (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	firmware-hdd- edf6dcd906-HPD9- 4.1.x86_64.rpm	MO0400JFFCF	HPD9 (D)	HPD9	
1301	Online HDD/SSD Flash Component for Linux (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	firmware-hdd- edf6dcd906-HPD9- 4.1.x86_64.rpm	MO0800JFFCH	HPD9 (D)	HPD9	
1302	Online HDD/SSD Flash Component for Linux (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	firmware-hdd- edf6dcd906-HPD9- 4.1.x86_64.rpm	MO1600JFFCK	HPD9 (D)	HPD9	
1303	Online HDD/SSD Flash Component for Linux (x64) - MO0400JFFCF, MO0800JFFCH,	firmware-hdd- edf6dcd906-HPD9- 4.1.x86_64.rpm	MO3200JFFCL	HPD9 (D)	HPD9	

	MO1600JFFCK and MO3200JFFCL Drives					
1304	Online HDD/SSD Flash Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	firmware-hdd-1e51a57347-HPD8-5.1.x86_64.rpm	VK000960JWSSQ	HPD8 (E)	HPD8	
1305	Online HDD/SSD Flash Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	firmware-hdd-1e51a57347-HPD8-5.1.x86_64.rpm	VK001920JWSSR	HPD8 (E)	HPD8	
1306	Online HDD/SSD Flash Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	firmware-hdd-1e51a57347-HPD8-5.1.x86_64.rpm	VK003840JWSST	HPD8 (E)	HPD8	
1307	Online HDD/SSD Flash Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	firmware-hdd-1e51a57347-HPD8-5.1.x86_64.rpm	VK007680JWSSU	HPD8 (E)	HPD8	
1308	Online HDD/SSD Flash Component for Linux (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	firmware-hdd-1e51a57347-HPD8-5.1.x86_64.rpm	VO015300JWSSV	HPD8 (E)	HPD8	
1309	Online HDD/SSD Flash Component for Linux (x64) - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	firmware-hdd-8a7ecf7465-HPD4-2.1.x86_64.rpm	VK0400JEABD	HPD4 (B)	HPD4	
1310	Online HDD/SSD Flash Component for Linux (x64) - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	firmware-hdd-8a7ecf7465-HPD4-2.1.x86_64.rpm	VK0800JEABE	HPD4 (B)	HPD4	
1311	Online HDD/SSD Flash Component for Linux (x64) - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	firmware-hdd-8a7ecf7465-HPD4-2.1.x86_64.rpm	VO1600JEABF	HPD4 (B)	HPD4	
1312	Online HDD/SSD Flash Component for Linux (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	firmware-hdd-2eb810cdd7-HPD8-4.1.x86_64.rpm	VO000480JWDAR	HPD8 (D)	HPD8	
1313	Online HDD/SSD Flash Component for Linux (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	firmware-hdd-2eb810cdd7-HPD8-4.1.x86_64.rpm	VO000960JWDAT	HPD8 (D)	HPD8	
1314	Online HDD/SSD Flash Component for Linux (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and	firmware-hdd-2eb810cdd7-HPD8-4.1.x86_64.rpm	VO001920JWDAU	HPD8 (D)	HPD8	

	VO003840JWDAV Drives					
1315	Online HDD/SSD Flash Component for Linux (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	firmware-hdd-2eb810ccd7-HPD8-4.1.x86_64.rpm	VO003840JWDAV	HPD8 (D)	HPD8	
1316	Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	firmware-hdd-a07a420ed1-HPD4-2.1.x86_64.rpm	VO000800JWZJP	HPD4 (B)	HPD4	
1317	Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	firmware-hdd-a07a420ed1-HPD4-2.1.x86_64.rpm	VO001600JWZJQ	HPD4 (B)	HPD4	
1318	Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	firmware-hdd-a07a420ed1-HPD4-2.1.x86_64.rpm	VO003200JWZJR	HPD4 (B)	HPD4	
1319	Online HDD/SSD Flash Component for Linux (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	firmware-hdd-a07a420ed1-HPD4-2.1.x86_64.rpm	VO006400JWZJT	HPD4 (B)	HPD4	
1320	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWBTQ, MO000800JWBTBR, MO001600JWBTB, MO003200JWBTBU, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPD9-2.1.x86_64.rpm	VO000960JWTBK	HPD9 (B)	HPD9	
1321	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWBTQ, MO000800JWBTBR, MO001600JWBTB, MO003200JWBTBU, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB and EO001600JWTCB Drives	firmware-hdd-9ad359dac1-HPD9-2.1.x86_64.rpm	VO001920JWTBL	HPD9 (B)	HPD9	
1322	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWBTQ,	firmware-hdd-9ad359dac1-HPD9-2.1.x86_64.rpm	VO003840JWTBN	HPD9 (B)	HPD9	

	MO000800JWBTR, MO001600JWBTR, MO003200JWBTR, MO006400JWBTR, EO000400JWBTR, EO000800JWBTR and EO001600JWBTR Drives					
1323	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWBTR, VO001920JWBTR, VO003840JWBTR, VO007680JWBTR, MO000400JWBTR, MO000800JWBTR, MO001600JWBTR, MO003200JWBTR, MO006400JWBTR, EO000400JWBTR, EO000800JWBTR and EO001600JWBTR Drives	firmware-hdd- 9ad359dac1-HPD9- 2.1.x86_64.rpm	VO007680JWBTR	HPD9 (B)	HPD9	
1324	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWBTR, VO001920JWBTR, VO003840JWBTR, VO007680JWBTR, MO000400JWBTR, MO000800JWBTR, MO001600JWBTR, MO003200JWBTR, MO006400JWBTR, EO000400JWBTR, EO000800JWBTR and EO001600JWBTR Drives	firmware-hdd- 9ad359dac1-HPD9- 2.1.x86_64.rpm	MO000400JWBTR Q	HPD9 (B)	HPD9	
1325	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWBTR, VO001920JWBTR, VO003840JWBTR, VO007680JWBTR, MO000400JWBTR, MO000800JWBTR, MO001600JWBTR, MO003200JWBTR, MO006400JWBTR, EO000400JWBTR, EO000800JWBTR and EO001600JWBTR Drives	firmware-hdd- 9ad359dac1-HPD9- 2.1.x86_64.rpm	MO000800JWBTR	HPD9 (B)	HPD9	
1326	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWBTR, VO001920JWBTR, VO003840JWBTR, VO007680JWBTR, MO000400JWBTR, MO000800JWBTR, MO001600JWBTR, MO003200JWBTR, MO006400JWBTR, EO000400JWBTR, EO000800JWBTR and EO001600JWBTR Drives	firmware-hdd- 9ad359dac1-HPD9- 2.1.x86_64.rpm	MO001600JWBTR	HPD9 (B)	HPD9	
1327	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWBTR,	firmware-hdd- 9ad359dac1-HPD9- 2.1.x86_64.rpm	MO003200JWBTR	HPD9 (B)	HPD9	

	VO001920JWTL, VO003840JWTLN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA and EO001600JWTLCB Drives					
1328	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTLBK, VO001920JWTL, VO003840JWTLN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA and EO001600JWTLCB Drives	firmware-hdd- 9ad359dac1-HPD9- 2.1.x86_64.rpm	MO006400JWTLCD	HPD9 (B)	HPD9	
1329	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTLBK, VO001920JWTL, VO003840JWTLN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA and EO001600JWTLCB Drives	firmware-hdd- 9ad359dac1-HPD9- 2.1.x86_64.rpm	EO000400JWTLBV	HPD9 (B)	HPD9	
1330	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTLBK, VO001920JWTL, VO003840JWTLN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA and EO001600JWTLCB Drives	firmware-hdd- 9ad359dac1-HPD9- 2.1.x86_64.rpm	EO000800JWTLCA	HPD9 (B)	HPD9	
1331	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWTLBK, VO001920JWTL, VO003840JWTLN, VO007680JWTLBP, MO000400JWTLBQ, MO000800JWTLBR, MO001600JWTLBT, MO003200JWTLBU, MO006400JWTLCD, EO000400JWTLBV, EO000800JWTLCA and	firmware-hdd- 9ad359dac1-HPD9- 2.1.x86_64.rpm	EO001600JWTLCB	HPD9 (B)	HPD9	

	EO001600JWTCB Drives					
1332	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-HPD9-2.1.x86_64.rpm	EO003200JWTC	HPD9 (B)	HPD9	
1333	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-HPD9-2.1.x86_64.rpm	MO001920JWWV	HPD9 (B)	HPD9	
1334	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd-35fd24601f-HPD4-2.1.x86_64.rpm	VO000960JWZJF	HPD4 (B)	HPD4	
1335	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd-35fd24601f-HPD4-2.1.x86_64.rpm	VO001920JWZJH	HPD4 (B)	HPD4	
1336	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd-35fd24601f-HPD4-2.1.x86_64.rpm	VO003840JWZJK	HPD4 (B)	HPD4	
1337	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd-35fd24601f-HPD4-2.1.x86_64.rpm	VO007680JWZJL	HPD4 (B)	HPD4	
1338	Online HDD/SSD Flash Component for Linux (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	firmware-hdd-35fd24601f-HPD4-2.1.x86_64.rpm	VO015360JWZJN	HPD4 (B)	HPD4	
1339	Online HDD/SSD Flash Component for Linux (x64) -	firmware-hdd-8fadc9efb2-HPD6-	VO000960RWUEV	HPD6	HPD6	

	VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	1.1.x86_64.rpm				
1340	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd- 8fadc9efb2-HPD6- 1.1.x86_64.rpm	VO001920RWUFA	HPD6	HPD6	
1341	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd- 8fadc9efb2-HPD6- 1.1.x86_64.rpm	VO003840RWUFB	HPD6	HPD6	
1342	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd- 8fadc9efb2-HPD6- 1.1.x86_64.rpm	VO007680RWUFC	HPD6	HPD6	
1343	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd- 8fadc9efb2-HPD6- 1.1.x86_64.rpm	VO000960RWUFD	HPD6	HPD6	
1344	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd- 8fadc9efb2-HPD6- 1.1.x86_64.rpm	VO001920RWUFE	HPD6	HPD6	
1345	Online HDD/SSD Flash Component for Linux (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	firmware-hdd- 8fadc9efb2-HPD6- 1.1.x86_64.rpm	VO003840RWUFF	HPD6	HPD6	
1346	Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and	firmware-hdd- 8f501d6cf1-HPD1- 1.1.x86_64.rpm	VO003840XZCLT	HPD1	HPD1	新規追加

	MO001600XZCLV Drives					
1347	Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	firmware-hdd-8f501d6cf1-HPD1-1.1.x86_64.rpm	VO007680XZCMB	HPD1	HPD1	新規追加
1348	Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	firmware-hdd-8f501d6cf1-HPD1-1.1.x86_64.rpm	MO000800XZCLQ	HPD1	HPD1	新規追加
1349	Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	firmware-hdd-8f501d6cf1-HPD1-1.1.x86_64.rpm	MO001600XZCLV	HPD1	HPD1	新規追加
1350	Online HDD/SSD Flash Component for Linux (x64) - VO007680JWCNK and VO015300JWCNL Drives	firmware-hdd-4c048aaeb0-HPD8-4.1.x86_64.rpm	VO007680JWCNK	HPD8 (D)	HPD8	
1351	Online HDD/SSD Flash Component for Linux (x64) - VO007680JWCNK and VO015300JWCNL Drives	firmware-hdd-4c048aaeb0-HPD8-4.1.x86_64.rpm	VO015300JWCNL	HPD8 (D)	HPD8	
1352	Online HDD/SSD Flash Component for Linux (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	firmware-hdd-8ed8893abd-HPD9-4.1.x86_64.rpm	VO0480JFDGT	HPD9 (D)	HPD9	
1353	Online HDD/SSD Flash Component for Linux (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	firmware-hdd-8ed8893abd-HPD9-4.1.x86_64.rpm	VO0960JFDGU	HPD9 (D)	HPD9	
1354	Online HDD/SSD Flash Component for Linux (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	firmware-hdd-8ed8893abd-HPD9-4.1.x86_64.rpm	VO1920JFDGV	HPD9 (D)	HPD9	
1355	Online HDD/SSD Flash Component for Linux (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	firmware-hdd-8ed8893abd-HPD9-4.1.x86_64.rpm	VO3840JFDHA	HPD9 (D)	HPD9	
1356	Online HDD/SSD Flash Component for Linux (x64) - VO1920JEUQQ Drive	firmware-hdd-5d9e841607-HPD3-8.1.x86_64.rpm	VO1920JEUQQ	HPD3 (H)	HPD3	
1357	Online HDD/SSD Flash Component for VMware ESXi - EG000300JWBHR Drive	CP048248.zip	EG000300JWBHR	HPD5 (B)	HPD5	
1358	Online HDD/SSD Flash Component for VMware ESXi - EG000300JWFVB Drive	CP048245.zip	EG000300JWFVB	HPD3 (B)	HPD3	
1359	Online HDD/SSD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	CP050179.zip	EG000600JWJNH	HPD5	HPD5	更新
1360	Online HDD/SSD Flash	CP050179.zip	EG001200JWJNK	HPD5	HPD5	更新

	Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives					
1361	Online HDD/SSD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	CP050179.zip	EG000300JWSJP	HPD5	HPD5	更新
1362	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWEBH and EG000300JWEBF Drives	CP049345.zip	EG000600JWEBH	HPD5 (B)	HPD5	
1363	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWEBH and EG000300JWEBF Drives	CP049345.zip	EG000300JWEBF	HPD5 (B)	HPD5	
1364	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWFUV and EG001200JWFVA Drives	CP048250.zip	EG000600JWFUV	HPD4 (B)	HPD4	
1365	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWFUV and EG001200JWFVA Drives	CP048250.zip	EG001200JWFVA	HPD4 (B)	HPD4	
1366	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP and EG001200JWJNQ Drives	CP048251.zip	EG000600JWJNP	HPD4 (B)	HPD4	
1367	Online HDD/SSD Flash Component for VMware ESXi - EG000600JWJNP and EG001200JWJNQ Drives	CP048251.zip	EG001200JWJNQ	HPD4 (B)	HPD4	
1368	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWFVC Drive	CP048253.zip	EG001800JWFVC	HPD4 (B)	HPD4	
1369	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNL and EG002400JWJNN Drives	CP050184.zip	EG001800JWJNL	HPD5	HPD5	更新
1370	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNL and EG002400JWJNN Drives	CP050184.zip	EG002400JWJNN	HPD5	HPD5	更新
1371	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR and EG002400JWJNT Drives	CP048254.zip	EG001800JWJNR	HPD6 (B)	HPD6	
1372	Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNR and EG002400JWJNT Drives	CP048254.zip	EG002400JWJNT	HPD6 (B)	HPD6	
1373	Online HDD/SSD Flash Component for VMware ESXi - EG0300FCSPH, EG0450FCSPK, EG0600FC SPL and EG0900FCSPN Drives	CP048255.zip	EG0300FCSPH	HPD2 (I)	HPD2	
1374	Online HDD/SSD Flash Component for VMware ESXi - EG0300FCSPH, EG0450FCSPK, EG0600FC SPL and EG0900FCSPN Drives	CP048255.zip	EG0450FCSPK	HPD2 (I)	HPD2	
1375	Online HDD/SSD Flash Component for VMware ESXi - EG0300FCSPH, EG0450FCSPK, EG0600FC SPL	CP048255.zip	EG0600FC SPL	HPD2 (I)	HPD2	

	and EG0900FCSPN Drives					
1376	Online HDD/SSD Flash Component for VMware ESXi - EG0300FCSPH, EG0450FCSPK, EG0600FCSPN and EG0900FCSPN Drives	CP048255.zip	EG0900FCSPN	HPD2 (I)	HPD2	
1377	Online HDD/SSD Flash Component for VMware ESXi - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	CP048261.zip	EG0300JEHLV	HPD5 (J)	HPD5	
1378	Online HDD/SSD Flash Component for VMware ESXi - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	CP048261.zip	EG0600JEHMA	HPD5 (J)	HPD5	
1379	Online HDD/SSD Flash Component for VMware ESXi - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	CP048261.zip	EG0900JEHMB	HPD5 (J)	HPD5	
1380	Online HDD/SSD Flash Component for VMware ESXi - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives	CP048261.zip	EG1200JEHMC	HPD5 (J)	HPD5	
1381	Online HDD/SSD Flash Component for VMware ESXi - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	CP048263.zip	EG0600JEMCV	HPD6 (I)	HPD6	
1382	Online HDD/SSD Flash Component for VMware ESXi - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	CP048263.zip	EG1200JEMDA	HPD6 (I)	HPD6	
1383	Online HDD/SSD Flash Component for VMware ESXi - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	CP048263.zip	EG0300JFCKA	HPD6 (I)	HPD6	
1384	Online HDD/SSD Flash Component for VMware ESXi - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	CP048263.zip	EG0900JFCKB	HPD6 (I)	HPD6	
1385	Online HDD/SSD Flash Component for VMware ESXi - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	CP048264.zip	EG0600JETKA	HPD8 (B)	HPD8	
1386	Online HDD/SSD Flash Component for VMware ESXi - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	CP048264.zip	EG0900JETKB	HPD8 (B)	HPD8	
1387	Online HDD/SSD Flash Component for VMware ESXi - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	CP048264.zip	EG1200JETKC	HPD8 (B)	HPD8	
1388	Online HDD/SSD Flash Component for VMware ESXi - EG1800JEHMD Drive	CP048265.zip	EG1800JEHMD	HPD6 (J)	HPD6	
1389	Online HDD/SSD Flash	CP048266.zip	EG1800JEMDB	HPD5 (I)	HPD5	

	Component for VMware ESXi - EG1800JEMDB Drive					
1390	Online HDD/SSD Flash Component for VMware ESXi - EG1800JFHMH Drive	CP048270.zip	EG1800JFHMH	HPD8 (B)	HPD8	
1391	Online HDD/SSD Flash Component for VMware ESXi - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	CP048286.zip	EH000300JWCPK	HPD7 (B)	HPD7	
1392	Online HDD/SSD Flash Component for VMware ESXi - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	CP048286.zip	EH000600JWCPL	HPD7 (B)	HPD7	
1393	Online HDD/SSD Flash Component for VMware ESXi - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	CP048286.zip	EH000900JWCPN	HPD7 (B)	HPD7	
1394	Online HDD/SSD Flash Component for VMware ESXi - EH000600JWCPF and EH000900JWCPH Drives	CP048272.zip	EH000900JWCPH	HPD9 (B)	HPD9	
1395	Online HDD/SSD Flash Component for VMware ESXi - EH000600JWCPF and EH000900JWCPH Drives	CP048272.zip	EH000600JWCPF	HPD9 (B)	HPD9	
1396	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPK and EH000600JWHPH Drives	CP049135.zip	EH000900JWHPK	HPD7 (B)	HPD7	
1397	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPK and EH000600JWHPH Drives	CP049135.zip	EH000600JWHPH	HPD7 (B)	HPD7	
1398	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	CP049136.zip	EH000900JWHPP	HPD7 (B)	HPD7	
1399	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	CP049136.zip	EH000600JWHPN	HPD7 (B)	HPD7	
1400	Online HDD/SSD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	CP049136.zip	EH000300JWHPL	HPD7 (B)	HPD7	
1401	Online HDD/SSD Flash Component for VMware ESXi - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	CP048291.zip	EH0300JDXBA	HPD5 (I)	HPD5	
1402	Online HDD/SSD Flash Component for VMware ESXi - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	CP048291.zip	EH0450JDXBB	HPD5 (I)	HPD5	
1403	Online HDD/SSD Flash Component for VMware ESXi - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	CP048291.zip	EH0600JDXBC	HPD5 (I)	HPD5	

1404	Online HDD/SSD Flash Component for VMware ESXi - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	CP048292.zip	EH0300JDYTH	HPD6 (J)	HPD6	
1405	Online HDD/SSD Flash Component for VMware ESXi - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	CP048292.zip	EH0450JDYTK	HPD6 (J)	HPD6	
1406	Online HDD/SSD Flash Component for VMware ESXi - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	CP048292.zip	EH0600JDYTL	HPD6 (J)	HPD6	
1407	Online HDD/SSD Flash Component for VMware ESXi - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	CP048293.zip	EH0300JEDHC	HPD4 (J)	HPD4	
1408	Online HDD/SSD Flash Component for VMware ESXi - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	CP048293.zip	EH0450JEDHD	HPD4 (J)	HPD4	
1409	Online HDD/SSD Flash Component for VMware ESXi - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	CP048293.zip	EH0600JEDHE	HPD4 (J)	HPD4	
1410	Online HDD/SSD Flash Component for VMware ESXi - EH0600JDYTN Drive	CP048294.zip	EH0600JDYTN	HPD7 (H)	HPD7	
1411	Online HDD/SSD Flash Component for VMware ESXi - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	CP048429.zip	EK0800JVYPN	HPD7 (D)	HPD7	
1412	Online HDD/SSD Flash Component for VMware ESXi - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	CP048429.zip	EO1600JVYPP	HPD7 (D)	HPD7	
1413	Online HDD/SSD Flash Component for VMware ESXi - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	CP048429.zip	MK0800JVYPQ	HPD7 (D)	HPD7	
1414	Online HDD/SSD Flash Component for VMware ESXi - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	CP048429.zip	MO1600JVYPR	HPD7 (D)	HPD7	
1415	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP048297.zip	EO000400JWDKP	HPD2 (F)	HPD2	
1416	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ,	CP048297.zip	EO000800JWDKQ	HPD2 (F)	HPD2	

	EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives					
1417	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP048297.zip	EO001600JWDKR	HPD2 (F)	HPD2	
1418	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP048297.zip	MO000400JWDK U	HPD2 (F)	HPD2	
1419	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP048297.zip	MO000800JWDK V	HPD2 (F)	HPD2	
1420	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP048297.zip	MO001600JWDLA	HPD2 (F)	HPD2	
1421	Online HDD/SSD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	CP048297.zip	MO003200JWDLB	HPD2 (F)	HPD2	
1422	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDQB, EO000800PXDCK, EO001600PXDCH, MO000800PXDDB, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	CP050382.zip	EO000400PXDQB	HPD2	HPD2	更新
1423	Online HDD/SSD Flash Component for VMware ESXi	CP050382.zip	EO000800PXDCK	HPD2	HPD2	更新

	- EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives					
1424	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP050382.zip	EO001600PXDCH	HPD2	HPD2	更新
1425	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP050382.zip	MO000800PXDBP	HPD2	HPD2	更新
1426	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP050382.zip	MO001600PXDCC	HPD2	HPD2	更新
1427	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDDBR, VO003840PXDBT,	CP050382.zip	MO003200PXDCCD	HPD2	HPD2	更新

	VO007680PXDBU and VO015300PXDBV Drives					
1428	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP050382.zip	MO006400PXDCE	HPD2	HPD2	更新
1429	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP050382.zip	VO000960PXDBN	HPD2	HPD2	更新
1430	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP050382.zip	VO001920PXDBR	HPD2	HPD2	更新
1431	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP050382.zip	VO003840PXDBT	HPD2	HPD2	更新
1432	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD,	CP050382.zip	VO007680PXDBU	HPD2	HPD2	更新

	MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives					
1433	Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCC, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	CP050382.zip	VO015300PXDBV	HPD2	HPD2	更新
1434	Online HDD/SSD Flash Component for VMware ESXi - MB002000JWFVN and MB004000JWFVP Drives	CP048318.zip	MB002000JWFVN	HPD4 (B)	HPD4	
1435	Online HDD/SSD Flash Component for VMware ESXi - MB002000JWFVN and MB004000JWFVP Drives	CP048318.zip	MB004000JWFVP	HPD4 (B)	HPD4	
1436	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWFVK and MB006000JWFVL Drives	CP048320.zip	MB004000JWFVK	HPD4 (B)	HPD4	
1437	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWFVK and MB006000JWFVL Drives	CP048320.zip	MB006000JWFVL	HPD4 (B)	HPD4	
1438	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWKGU Drive	CP048321.zip	MB004000JWKGU	HPD2 (B)	HPD2	
1439	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWWQB, MB002000JWWQA and MB001000JWWPV Drives	CP048431.zip	MB004000JWWQ B	HPD6 (B)	HPD6	
1440	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWWQB, MB002000JWWQA and MB001000JWWPV Drives	CP048431.zip	MB002000JWWQ A	HPD6 (B)	HPD6	
1441	Online HDD/SSD Flash Component for VMware ESXi - MB004000JWWQB, MB002000JWWQA and MB001000JWWPV Drives	CP048431.zip	MB001000JWWP V	HPD6 (B)	HPD6	
1442	Online HDD/SSD Flash Component for VMware ESXi - MB006000JWKGN Drive	CP048330.zip	MB006000JWKGN	HPD2 (B)	HPD2	
1443	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWJRQ and MB006000JWJRP Drives	CP049132.zip	MB008000JWJRQ	HPD9 (B)	HPD9	
1444	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWJRQ and MB006000JWJRP Drives	CP049132.zip	MB006000JWJRP	HPD9 (B)	HPD9	
1445	Online HDD/SSD Flash	CP048332.zip	MB008000JWRD	HPD2 (B)	HPD2	

	Component for VMware ESXi - MB008000JWRD Drive					
1446	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWWQP and MB006000JWWQN Drives	CP048426.zip	MB008000JWWQP	HPD6 (B)	HPD6	
1447	Online HDD/SSD Flash Component for VMware ESXi - MB008000JWWQP and MB006000JWWQN Drives	CP048426.zip	MB006000JWWQN	HPD6 (B)	HPD6	
1448	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWAYK and MB008000JWAYH Drives	CP048334.zip	MB010000JWAYK	HPD6 (B)	HPD6	
1449	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWAYK and MB008000JWAYH Drives	CP048334.zip	MB008000JWAYH	HPD6 (B)	HPD6	
1450	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	CP049051.zip	MB010000JWZHA	HPD2 (B)	HPD2	
1451	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	CP049051.zip	MB012000JWZHB	HPD2 (B)	HPD2	
1452	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	CP049051.zip	MB014000JWZHC	HPD2 (B)	HPD2	
1453	Online HDD/SSD Flash Component for VMware ESXi - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	CP049051.zip	MB016000JWZHE	HPD2 (B)	HPD2	
1454	Online HDD/SSD Flash Component for VMware ESXi - MB012000JWDFD Drive	CP048404.zip	MB012000JWDFD	HPD3 (B)	HPD3	
1455	Online HDD/SSD Flash Component for VMware ESXi - MB014000JWTFD and MB012000JWTFD Drives	CP049120.zip	MB014000JWTFD	HPD8 (B)	HPD8	
1456	Online HDD/SSD Flash Component for VMware ESXi - MB014000JWTFD and MB012000JWTFD Drives	CP049120.zip	MB012000JWTFD	HPD8 (B)	HPD8	
1457	Online HDD/SSD Flash Component for VMware ESXi - MB014000JUDB Drive	CP048341.zip	MB014000JUDB	HPD3 (B)	HPD3	
1458	Online HDD/SSD Flash Component for VMware ESXi - MB016000JWXKH Drive	CP049124.zip	MB016000JWXKH	HPD9 (B)	HPD9	
1459	Online HDD/SSD Flash Component for VMware ESXi - MB016000JLBA and MB018000JLAU Drives	CP049256.zip	MB016000JLBA	HPD2	HPD2	
1460	Online HDD/SSD Flash Component for VMware ESXi - MB016000JLBA and	CP049256.zip	MB018000JLAU	HPD2	HPD2	

	MB018000JXLAU Drives					
1461	Online HDD/SSD Flash Component for VMware ESXi - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	CP048344.zip	MB1000JVYZL	HPD3 (F)	HPD3	
1462	Online HDD/SSD Flash Component for VMware ESXi - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	CP048344.zip	MB2000JVYZN	HPD3 (F)	HPD3	
1463	Online HDD/SSD Flash Component for VMware ESXi - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	CP048344.zip	MB3000JVYZP	HPD3 (F)	HPD3	
1464	Online HDD/SSD Flash Component for VMware ESXi - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	CP048344.zip	MB4000JVYZQ	HPD3 (F)	HPD3	
1465	Online HDD/SSD Flash Component for VMware ESXi - MB2000JFDSL and MB4000JFDSN Drives	CP048347.zip	MB2000JFDSL	HPD4 (I)	HPD4	
1466	Online HDD/SSD Flash Component for VMware ESXi - MB2000JFDSL and MB4000JFDSN Drives	CP048347.zip	MB4000JFDSN	HPD4 (I)	HPD4	
1467	Online HDD/SSD Flash Component for VMware ESXi - MB2000JFEML and MB4000JFEMN Drives	CP048361.zip	MB2000JFEML	HPD6 (I)	HPD6	
1468	Online HDD/SSD Flash Component for VMware ESXi - MB2000JFEML and MB4000JFEMN Drives	CP048361.zip	MB4000JFEMN	HPD6 (I)	HPD6	
1469	Online HDD/SSD Flash Component for VMware ESXi - MB2000JFEPB and MB4000JFEPB Drives	CP048362.zip	MB2000JFEPB	HPD5 (I)	HPD5	
1470	Online HDD/SSD Flash Component for VMware ESXi - MB2000JFEPB and MB4000JFEPB Drives	CP048362.zip	MB4000JFEPB	HPD5 (I)	HPD5	
1471	Online HDD/SSD Flash Component for VMware ESXi - MB4000JEFNC and MB6000JEFND Drives	CP048367.zip	MB4000JEFNC	HPD9 (I)	HPD9	
1472	Online HDD/SSD Flash Component for VMware ESXi - MB4000JEFNC and MB6000JEFND Drives	CP048367.zip	MB6000JEFND	HPD9 (I)	HPD9	
1473	Online HDD/SSD Flash Component for VMware ESXi - MB4000JEQNL and MB6000JEQNN Drives	CP048368.zip	MB4000JEQNL	HPDB (I)	HPDB	
1474	Online HDD/SSD Flash Component for VMware ESXi - MB4000JEQNL and MB6000JEQNN Drives	CP048368.zip	MB6000JEQNN	HPDB (I)	HPDB	
1475	Online HDD/SSD Flash Component for VMware ESXi - MB4000JEXYA and MB6000JEXYB Drives	CP048369.zip	MB4000JEXYA	HPD9 (F)	HPD9	
1476	Online HDD/SSD Flash	CP048369.zip	MB6000JEXYB	HPD9 (F)	HPD9	

	Component for VMware ESXi - MB4000JEXYA and MB6000JEXYB Drives					
1477	Online HDD/SSD Flash Component for VMware ESXi - MB6000JEQUV and MB8000JEQVA Drives	CP048378.zip	MB6000JEQUV	HPDB (I)	HPDB	
1478	Online HDD/SSD Flash Component for VMware ESXi - MB6000JEQUV and MB8000JEQVA Drives	CP048378.zip	MB8000JEQVA	HPDB (I)	HPDB	
1479	Online HDD/SSD Flash Component for VMware ESXi - MB6000JVYYV Drive	CP048379.zip	MB6000JVYYV	HPD2 (I)	HPD2	
1480	Online HDD/SSD Flash Component for VMware ESXi - MB6000JVYZD and MB4000JVYZC Drives	CP048380.zip	MB6000JVYZD	HPD4 (G)	HPD4	
1481	Online HDD/SSD Flash Component for VMware ESXi - MB6000JVYZD and MB4000JVYZC Drives	CP048380.zip	MB4000JVYZC	HPD4 (G)	HPD4	
1482	Online HDD/SSD Flash Component for VMware ESXi - MB8000JFECQ Drive	CP048382.zip	MB8000JFECQ	HPD7 (H)	HPD7	
1483	Online HDD/SSD Flash Component for VMware ESXi - MM1000JEFRB and MM2000JEFRC Drives	CP048391.zip	MM1000JEFRB	HPD9 (B)	HPD9	
1484	Online HDD/SSD Flash Component for VMware ESXi - MM1000JEFRB and MM2000JEFRC Drives	CP048391.zip	MM2000JEFRC	HPD9 (B)	HPD9	
1485	Online HDD/SSD Flash Component for VMware ESXi - MM1000JFJTH and MM002000JWCNF Drives	CP048392.zip	MM1000JFJTH	HPD4 (B)	HPD4	
1486	Online HDD/SSD Flash Component for VMware ESXi - MM1000JFJTH and MM002000JWCNF Drives	CP048392.zip	MM002000JWCN F	HPD4 (B)	HPD4	
1487	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	CP048393.zip	MO000400JWFV N	HPD5 (F)	HPD5	
1488	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVV Drives	CP048393.zip	MO000800JWFV P	HPD5 (F)	HPD5	
1489	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT,	CP048393.zip	MO001600JWFV Q	HPD5 (F)	HPD5	

	MO001920JWFU and MO003840JWFV Drives					
1490	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWFN, MO000800JWFWP, MO001600JFWQ, MO003200JFWR, MO000960JFWT, MO001920JWFU and MO003840JWFV Drives	CP048393.zip	MO003200JFWR	HPD5 (F)	HPD5	
1491	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWFN, MO000800JWFWP, MO001600JFWQ, MO003200JFWR, MO000960JFWT, MO001920JWFU and MO003840JWFV Drives	CP048393.zip	MO000960JFWT	HPD5 (F)	HPD5	
1492	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWFN, MO000800JWFWP, MO001600JFWQ, MO003200JFWR, MO000960JFWT, MO001920JWFU and MO003840JWFV Drives	CP048393.zip	MO001920JFWU	HPD5 (F)	HPD5	
1493	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWFN, MO000800JWFWP, MO001600JFWQ, MO003200JFWR, MO000960JFWT, MO001920JWFU and MO003840JWFV Drives	CP048393.zip	MO003840JFWV	HPD5 (F)	HPD5	
1494	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP048397.zip	MO000400JWUFT	HPD3 (C)	HPD3	
1495	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP048397.zip	MO000800JWUFU	HPD3 (C)	HPD3	
1496	Online HDD/SSD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC,	CP048397.zip	MO001600JWUFV	HPD3 (C)	HPD3	

	EO000800JWUGD and EO001600JWUGE Drives					
1497	Online HDD/SSD Flash Component for VMware ESXi - MO000400JUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP048397.zip	MO003200JWUG A	HPD3 (C)	HPD3	
1498	Online HDD/SSD Flash Component for VMware ESXi - MO000400JUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP048397.zip	MO006400JWUG B	HPD3 (C)	HPD3	
1499	Online HDD/SSD Flash Component for VMware ESXi - MO000400JUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP048397.zip	EO000400JWUGC	HPD3 (C)	HPD3	
1500	Online HDD/SSD Flash Component for VMware ESXi - MO000400JUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP048397.zip	EO000800JWUGD	HPD3 (C)	HPD3	
1501	Online HDD/SSD Flash Component for VMware ESXi - MO000400JUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	CP048397.zip	EO001600JWUGE	HPD3 (C)	HPD3	
1502	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFB, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP049157.zip	MO000800JXBEV	HPD1 (B)	HPD1	

1503	Online HDD/SSD Flash Component for VMware ESXi - MO000800XBEV, MO001600XBFP, MO003200XBFQ, MO006400XBFR, MO000960XBFA, MO001920XBFT, MO003840XBFU, MO007680XBGA, MO015360XBFV, EO000400XBEU, EO000800XBFL and EO001600XBFN Drives	CP049157.zip	MO001600XBFP	HPD1 (B)	HPD1	
1504	Online HDD/SSD Flash Component for VMware ESXi - MO000800XBEV, MO001600XBFP, MO003200XBFQ, MO006400XBFR, MO000960XBFA, MO001920XBFT, MO003840XBFU, MO007680XBGA, MO015360XBFV, EO000400XBEU, EO000800XBFL and EO001600XBFN Drives	CP049157.zip	MO003200XBFQ	HPD1 (B)	HPD1	
1505	Online HDD/SSD Flash Component for VMware ESXi - MO000800XBEV, MO001600XBFP, MO003200XBFQ, MO006400XBFR, MO000960XBFA, MO001920XBFT, MO003840XBFU, MO007680XBGA, MO015360XBFV, EO000400XBEU, EO000800XBFL and EO001600XBFN Drives	CP049157.zip	MO006400XBFR	HPD1 (B)	HPD1	
1506	Online HDD/SSD Flash Component for VMware ESXi - MO000800XBEV, MO001600XBFP, MO003200XBFQ, MO006400XBFR, MO000960XBFA, MO001920XBFT, MO003840XBFU, MO007680XBGA, MO015360XBFV, EO000400XBEU, EO000800XBFL and EO001600XBFN Drives	CP049157.zip	MO000960XBFA	HPD1 (B)	HPD1	
1507	Online HDD/SSD Flash Component for VMware ESXi - MO000800XBEV, MO001600XBFP, MO003200XBFQ, MO006400XBFR, MO000960XBFA, MO001920XBFT, MO003840XBFU, MO007680XBGA,	CP049157.zip	MO001920XBFT	HPD1 (B)	HPD1	

	MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives					
1508	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP049157.zip	MO003840JXBFU	HPD1 (B)	HPD1	
1509	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP049157.zip	MO007680JXBGA	HPD1 (B)	HPD1	
1510	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP049157.zip	MO015360JXBFV	HPD1 (B)	HPD1	
1511	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP049157.zip	EO000400JXBEU	HPD1 (B)	HPD1	
1512	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR,	CP049157.zip	EO000800JXBFL	HPD1 (B)	HPD1	

	MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives					
1513	Online HDD/SSD Flash Component for VMware ESXi - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	CP049157.zip	EO001600JXBFN	HPD1 (B)	HPD1	
1514	Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	CP048401.zip	EO0800JEFPP	HPD3 (I)	HPD3	
1515	Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	CP048401.zip	EO0400JEFPE	HPD3 (I)	HPD3	
1516	Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	CP048401.zip	EO0200JEFPD	HPD3 (I)	HPD3	
1517	Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	CP048401.zip	MO1600JEFPC	HPD3 (I)	HPD3	
1518	Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	CP048401.zip	MO0800JEFPB	HPD3 (I)	HPD3	
1519	Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA,	CP048401.zip	MO0400JEFPA	HPD3 (I)	HPD3	

	MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives					
1520	Online HDD/SSD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPF Drives	CP048401.zip	MO0200JEFNV	HPD3 (I)	HPD3	
1521	Online HDD/SSD Flash Component for VMware ESXi - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	CP048439.zip	MO0400JFFCF	HPD9 (D)	HPD9	
1522	Online HDD/SSD Flash Component for VMware ESXi - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	CP048439.zip	MO0800JFFCH	HPD9 (D)	HPD9	
1523	Online HDD/SSD Flash Component for VMware ESXi - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	CP048439.zip	MO1600JFFCK	HPD9 (D)	HPD9	
1524	Online HDD/SSD Flash Component for VMware ESXi - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	CP048439.zip	MO3200JFFCL	HPD9 (D)	HPD9	
1525	Online HDD/SSD Flash Component for VMware ESXi - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	CP048446.zip	VK000960JWSSQ	HPD8 (E)	HPD8	
1526	Online HDD/SSD Flash Component for VMware ESXi - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	CP048446.zip	VK001920JWSSR	HPD8 (E)	HPD8	
1527	Online HDD/SSD Flash Component for VMware ESXi - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	CP048446.zip	VK003840JWSST	HPD8 (E)	HPD8	
1528	Online HDD/SSD Flash Component for VMware ESXi - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	CP048446.zip	VK007680JWSSU	HPD8 (E)	HPD8	
1529	Online HDD/SSD Flash Component for VMware ESXi	CP048446.zip	VO015300JWSSV	HPD8 (E)	HPD8	

	- VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives					
1530	Online HDD/SSD Flash Component for VMware ESXi - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	CP049410.zip	VK0400JEABD	HPD4 (B)	HPD4	
1531	Online HDD/SSD Flash Component for VMware ESXi - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	CP049410.zip	VK0800JEABE	HPD4 (B)	HPD4	
1532	Online HDD/SSD Flash Component for VMware ESXi - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	CP049410.zip	VO1600JEABF	HPD4 (B)	HPD4	
1533	Online HDD/SSD Flash Component for VMware ESXi - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	CP048445.zip	VO000480JWDAR	HPD8 (G)	HPD8	
1534	Online HDD/SSD Flash Component for VMware ESXi - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	CP048445.zip	VO000960JWDAT	HPD8 (G)	HPD8	
1535	Online HDD/SSD Flash Component for VMware ESXi - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	CP048445.zip	VO001920JWDAU	HPD8 (G)	HPD8	
1536	Online HDD/SSD Flash Component for VMware ESXi - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	CP048445.zip	VO003840JWDAV	HPD8 (G)	HPD8	
1537	Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	CP048454.zip	VO000800JWZJP	HPD4 (B)	HPD4	
1538	Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	CP048454.zip	VO001600JWZJQ	HPD4 (B)	HPD4	
1539	Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	CP048454.zip	VO003200JWZJR	HPD4 (B)	HPD4	
1540	Online HDD/SSD Flash Component for VMware ESXi - VO000800JWZJP, VO001600JWZJQ,	CP048454.zip	VO006400JWZJT	HPD4 (B)	HPD4	

	VO003200JWZJR and VO006400JWZJT Drives					
1541	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTLB, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ, MO000800JWTLR, MO001600JWTLT, MO003200JWTLU, MO006400JWTLD, EO000400JWTLV, EO000800JWTLA, EO001600JWTLB Drives	CP049147.zip	VO000960JWTBK	HPD9 (B)	HPD9	
1542	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTLB, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ, MO000800JWTLR, MO001600JWTLT, MO003200JWTLU, MO006400JWTLD, EO000400JWTLV, EO000800JWTLA, EO001600JWTLB Drives	CP049147.zip	VO001920JWTLB	HPD9 (B)	HPD9	
1543	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTLB, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ, MO000800JWTLR, MO001600JWTLT, MO003200JWTLU, MO006400JWTLD, EO000400JWTLV, EO000800JWTLA, EO001600JWTLB Drives	CP049147.zip	VO003840JWTLN	HPD9 (B)	HPD9	
1544	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTLB, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ, MO000800JWTLR, MO001600JWTLT, MO003200JWTLU, MO006400JWTLD, EO000400JWTLV, EO000800JWTLA, EO001600JWTLB Drives	CP049147.zip	VO007680JWTLB	HPD9 (B)	HPD9	
1545	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTLB, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ, MO000800JWTLR,	CP049147.zip	MO000400JWTL Q	HPD9 (B)	HPD9	

	MO001600JWBTT, MO003200JWBTTU, MO006400JWBTTD, EO000400JWBTTV, EO000800JWBTTA, EO001600JWBTTB Drives					
1546	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWBTK, VO001920JWBTL, VO003840JWBTN, VO007680JWBTP, MO000400JWBQ, MO000800JWBTR, MO001600JWBTT, MO003200JWBTTU, MO006400JWBTTD, EO000400JWBTTV, EO000800JWBTTA, EO001600JWBTTB Drives	CP049147.zip	MO000800JWBTR	HPD9 (B)	HPD9	
1547	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWBTK, VO001920JWBTL, VO003840JWBTN, VO007680JWBTP, MO000400JWBQ, MO000800JWBTR, MO001600JWBTT, MO003200JWBTTU, MO006400JWBTTD, EO000400JWBTTV, EO000800JWBTTA, EO001600JWBTTB Drives	CP049147.zip	MO001600JWBTT	HPD9 (B)	HPD9	
1548	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWBTK, VO001920JWBTL, VO003840JWBTN, VO007680JWBTP, MO000400JWBQ, MO000800JWBTR, MO001600JWBTT, MO003200JWBTTU, MO006400JWBTTD, EO000400JWBTTV, EO000800JWBTTA, EO001600JWBTTB Drives	CP049147.zip	MO003200JWBTTU	HPD9 (B)	HPD9	
1549	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWBTK, VO001920JWBTL, VO003840JWBTN, VO007680JWBTP, MO000400JWBQ, MO000800JWBTR, MO001600JWBTT, MO003200JWBTTU, MO006400JWBTTD, EO000400JWBTTV, EO000800JWBTTA, EO001600JWBTTB Drives	CP049147.zip	MO006400JWBTTD	HPD9 (B)	HPD9	
1550	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWBTK, VO001920JWBTL,	CP049147.zip	EO000400JWBTTV	HPD9 (B)	HPD9	

	VO003840JWTCB, VO007680JWTCB, MO000400JWTCB, MO000800JWTCB, MO001600JWTCB, MO003200JWTCB, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB, EO001600JWTCB Drives					
1551	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTCB, VO001920JWTCB, VO003840JWTCB, VO007680JWTCB, MO000400JWTCB, MO000800JWTCB, MO001600JWTCB, MO003200JWTCB, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB, EO001600JWTCB Drives	CP049147.zip	EO000800JWTCB	HPD9 (B)	HPD9	
1552	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTCB, VO001920JWTCB, VO003840JWTCB, VO007680JWTCB, MO000400JWTCB, MO000800JWTCB, MO001600JWTCB, MO003200JWTCB, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB, EO001600JWTCB Drives	CP049147.zip	EO001600JWTCB	HPD9 (B)	HPD9	
1553	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTCB, VO001920JWTCB, VO003840JWTCB, VO007680JWTCB, MO000400JWTCB, MO000800JWTCB, MO001600JWTCB, MO003200JWTCB, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB, EO001600JWTCB Drives	CP049147.zip	EO003200JWTCB	HPD9 (B)	HPD9	
1554	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWTCB, VO001920JWTCB, VO003840JWTCB, VO007680JWTCB, MO000400JWTCB, MO000800JWTCB, MO001600JWTCB, MO003200JWTCB, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB, EO001600JWTCB Drives	CP049147.zip	MO001920JWTCB WV	HPD9 (B)	HPD9	

1555	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP048455.zip	VO000960JWZJF	HPD4 (B)	HPD4	
1556	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP048455.zip	VO001920JWZJH	HPD4 (B)	HPD4	
1557	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP048455.zip	VO003840JWZJK	HPD4 (B)	HPD4	
1558	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP048455.zip	VO007680JWZJL	HPD4 (B)	HPD4	
1559	Online HDD/SSD Flash Component for VMware ESXi - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	CP048455.zip	VO015360JWZJN	HPD4 (B)	HPD4	
1560	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP049363.zip	VO000960RWUEV	HPD6	HPD6	
1561	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP049363.zip	VO001920RWUFA	HPD6	HPD6	
1562	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP049363.zip	VO003840RWUFB	HPD6	HPD6	
1563	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA,	CP049363.zip	VO007680RWUFC	HPD6	HPD6	

	VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives					
1564	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP049363.zip	VO000960RWUFD	HPD6	HPD6	
1565	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP049363.zip	VO001920RWUFE	HPD6	HPD6	
1566	Online HDD/SSD Flash Component for VMware ESXi - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	CP049363.zip	VO003840RWUFF	HPD6	HPD6	
1567	Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	CP050453.zip	VO003840XZCLT	HPD1	HPD1	新規追加
1568	Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	CP050453.zip	VO007680XZCMB	HPD1	HPD1	新規追加
1569	Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	CP050453.zip	MO000800XZCLQ	HPD1	HPD1	新規追加
1570	Online HDD/SSD Flash Component for VMware ESXi - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	CP050453.zip	MO001600XZCLV	HPD1	HPD1	新規追加
1571	Online HDD/SSD Flash Component for VMware ESXi - VO007680JWCNK and VO015300JWCNL Drives	CP048415.zip	VO007680JWCNK	HPD8 (E)	HPD8	
1572	Online HDD/SSD Flash Component for VMware ESXi - VO007680JWCNK and VO015300JWCNL Drives	CP048415.zip	VO015300JWCNL	HPD8 (E)	HPD8	
1573	Online HDD/SSD Flash Component for VMware ESXi	CP048437.zip	VO0480JFDGT	HPD9 (D)	HPD9	

	- VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives					
1574	Online HDD/SSD Flash Component for VMware ESXi - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	CP048437.zip	VO0960JFDGU	HPD9 (D)	HPD9	
1575	Online HDD/SSD Flash Component for VMware ESXi - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	CP048437.zip	VO1920JFDGV	HPD9 (D)	HPD9	
1576	Online HDD/SSD Flash Component for VMware ESXi - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	CP048437.zip	VO3840JFDHA	HPD9 (D)	HPD9	
1577	Online HDD/SSD Flash Component for VMware ESXi - VO1920JEUQQ Drive	CP048419.zip	VO1920JEUQQ	HPD3 (I)	HPD3	
1578	Online HDD/SSD Flash Component for VMware ESXi -MB014000JWRTH, MB012000JWRTE and MB010000JWRTE Drives	CP048340.zip	MB014000JWRTH	HPD2 (F)	HPD2	
1579	Online HDD/SSD Flash Component for VMware ESXi -MB014000JWRTH, MB012000JWRTE and MB010000JWRTE Drives	CP048340.zip	MB012000JWRTE	HPD2 (F)	HPD2	
1580	Online HDD/SSD Flash Component for VMware ESXi -MB014000JWRTH, MB012000JWRTE and MB010000JWRTE Drives	CP048340.zip	MB010000JWRTE	HPD2 (F)	HPD2	
1581	Online HDD/SSD Flash Component for Windows (x64) - EG000300JWBHR Drive	cp048436.exe	EG000300JWBHR	HPD5 (B)	HPD5	
1582	Online HDD/SSD Flash Component for Windows (x64) - EG000300JWFVB Drive	cp048433.exe	EG000300JWFVB	HPD3 (B)	HPD3	
1583	Online HDD/SSD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	cp050181.exe	EG000300JWSJP	HPD5	HPD5	更新
1584	Online HDD/SSD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	cp050181.exe	EG000600JWJNH	HPD5	HPD5	更新
1585	Online HDD/SSD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives	cp050181.exe	EG001200JWJNK	HPD5	HPD5	更新
1586	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWEBH and EG000300JWEBF Drives	cp049346.exe	EG000600JWEBH	HPD5 (B)	HPD5	

1587	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWEBH and EG000300JWEBF Drives	cp049346.exe	EG000300JWEBF	HPD5 (B)	HPD5	
1588	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWFUV and EG001200JWFVA Drives	cp048452.exe	EG000600JWFUV	HPD4 (B)	HPD4	
1589	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWFUV and EG001200JWFVA Drives	cp048452.exe	EG001200JWFVA	HPD4 (B)	HPD4	
1590	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP and EG001200JWJNQ Drives	cp048457.exe	EG000600JWJNP	HPD4 (B)	HPD4	
1591	Online HDD/SSD Flash Component for Windows (x64) - EG000600JWJNP and EG001200JWJNQ Drives	cp048457.exe	EG001200JWJNQ	HPD4 (B)	HPD4	
1592	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWFVC Drive	cp048459.exe	EG001800JWFVC	HPD4 (B)	HPD4	
1593	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNL and EG002400JWJNN Drives	cp050186.exe	EG001800JWJNL	HPD5	HPD5	更新
1594	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNL and EG002400JWJNN Drives	cp050186.exe	EG002400JWJNN	HPD5	HPD5	更新
1595	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR and EG002400JWJNT Drives	cp048242.exe	EG001800JWJNR	HPD6 (B)	HPD6	
1596	Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNR and EG002400JWJNT Drives	cp048242.exe	EG002400JWJNT	HPD6 (B)	HPD6	
1597	Online HDD/SSD Flash Component for Windows (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FC SPL and EG0900FCSPN Drives	cp048481.exe	EG0300FCSPH	HPD2 (G)	HPD2	
1598	Online HDD/SSD Flash Component for Windows (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FC SPL and EG0900FCSPN Drives	cp048481.exe	EG0450FCSPK	HPD2 (G)	HPD2	
1599	Online HDD/SSD Flash Component for Windows (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FC SPL and EG0900FCSPN Drives	cp048481.exe	EG0600FC SPL	HPD2 (G)	HPD2	
1600	Online HDD/SSD Flash Component for Windows (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FC SPL and EG0900FCSPN Drives	cp048481.exe	EG0900FCSPN	HPD2 (G)	HPD2	
1601	Online HDD/SSD Flash Component for Windows (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	cp048482.exe	EG0300JEHLV	HPD5 (H)	HPD5	
1602	Online HDD/SSD Flash	cp048482.exe	EG0600JEHMA	HPD5 (H)	HPD5	

	Component for Windows (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives					
1603	Online HDD/SSD Flash Component for Windows (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	cp048482.exe	EG0900JEHMB	HPD5 (H)	HPD5	
1604	Online HDD/SSD Flash Component for Windows (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB and EG1200JEHMC Drives	cp048482.exe	EG1200JEHMC	HPD5 (H)	HPD5	
1605	Online HDD/SSD Flash Component for Windows (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	cp048483.exe	EG0600JEMCV	HPD6 (G)	HPD6	
1606	Online HDD/SSD Flash Component for Windows (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	cp048483.exe	EG1200JEMDA	HPD6 (G)	HPD6	
1607	Online HDD/SSD Flash Component for Windows (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	cp048483.exe	EG0300JFCKA	HPD6 (G)	HPD6	
1608	Online HDD/SSD Flash Component for Windows (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB and EG1200JEMDA Drives	cp048483.exe	EG0900JFCKB	HPD6 (G)	HPD6	
1609	Online HDD/SSD Flash Component for Windows (x64) - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	cp048485.exe	EG0600JETKA	HPD8 (B)	HPD8	
1610	Online HDD/SSD Flash Component for Windows (x64) - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	cp048485.exe	EG0900JETKB	HPD8 (B)	HPD8	
1611	Online HDD/SSD Flash Component for Windows (x64) - EG0600JETKA, EG0900JETKB and EG1200JETKC Drives	cp048485.exe	EG1200JETKC	HPD8 (B)	HPD8	
1612	Online HDD/SSD Flash Component for Windows (x64) - EG1800JEHMD Drive	cp048507.exe	EG1800JEHMD	HPD6 (H)	HPD6	
1613	Online HDD/SSD Flash Component for Windows (x64) - EG1800JEMDB Drive	cp048508.exe	EG1800JEMDB	HPD5 (G)	HPD5	
1614	Online HDD/SSD Flash Component for Windows (x64) - EG1800JFHMH Drive	cp048509.exe	EG1800JFHMH	HPD8 (B)	HPD8	
1615	Online HDD/SSD Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	cp048510.exe	EH000300JWCPK	HPD7 (B)	HPD7	

1616	Online HDD/SSD Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	cp048510.exe	EH000600JWCPL	HPD7 (B)	HPD7	
1617	Online HDD/SSD Flash Component for Windows (x64) - EH000300JWCPK, EH000600JWCPL and EH000900JWCPN Drives	cp048510.exe	EH000900JWCPN	HPD7 (B)	HPD7	
1618	Online HDD/SSD Flash Component for Windows (x64) - EH000600JWCPF and EH000900JWCPH Drives	cp048516.exe	EH000900JWCPH	HPD9 (B)	HPD9	
1619	Online HDD/SSD Flash Component for Windows (x64) - EH000600JWCPF and EH000900JWCPH Drives	cp048516.exe	EH000600JWCPF	HPD9 (B)	HPD9	
1620	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPK and EH000600JWHPH Drives	cp049134.exe	EH000900JWHPK	HPD7 (B)	HPD7	
1621	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPK and EH000600JWHPH Drives	cp049134.exe	EH000600JWHPH	HPD7 (B)	HPD7	
1622	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	cp049138.exe	EH000900JWHPP	HPD7 (B)	HPD7	
1623	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	cp049138.exe	EH000600JWHPN	HPD7 (B)	HPD7	
1624	Online HDD/SSD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives	cp049138.exe	EH000300JWHPL	HPD7 (B)	HPD7	
1625	Online HDD/SSD Flash Component for Windows (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	cp048517.exe	EH0300JDXBA	HPD5 (G)	HPD5	
1626	Online HDD/SSD Flash Component for Windows (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	cp048517.exe	EH0450JDXBB	HPD5 (G)	HPD5	
1627	Online HDD/SSD Flash Component for Windows (x64) - EH0300JDXBA, EH0450JDXBB and EH0600JDXBC Drives	cp048517.exe	EH0600JDXBC	HPD5 (G)	HPD5	
1628	Online HDD/SSD Flash Component for Windows (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	cp048515.exe	EH0300JDYTH	HPD6 (H)	HPD6	
1629	Online HDD/SSD Flash Component for Windows (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	cp048515.exe	EH0450JDYTK	HPD6 (H)	HPD6	

1630	Online HDD/SSD Flash Component for Windows (x64) - EH0300JDYTH, EH0450JDYTK and EH0600JDYTL Drives	cp048515.exe	EH0600JDYTL	HPD6 (H)	HPD6	
1631	Online HDD/SSD Flash Component for Windows (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	cp048520.exe	EH0300JEDHC	HPD4 (I)	HPD4	
1632	Online HDD/SSD Flash Component for Windows (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	cp048520.exe	EH0450JEDHD	HPD4 (I)	HPD4	
1633	Online HDD/SSD Flash Component for Windows (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives	cp048520.exe	EH0600JEDHE	HPD4 (I)	HPD4	
1634	Online HDD/SSD Flash Component for Windows (x64) - EH0600JDYTN Drive	cp048553.exe	EH0600JDYTN	HPD7 (F)	HPD7	
1635	Online HDD/SSD Flash Component for Windows (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	cp048651.exe	EK0800JVYPN	HPD7 (D)	HPD7	
1636	Online HDD/SSD Flash Component for Windows (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	cp048651.exe	EO1600JVYPP	HPD7 (D)	HPD7	
1637	Online HDD/SSD Flash Component for Windows (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	cp048651.exe	MK0800JVYPQ	HPD7 (D)	HPD7	
1638	Online HDD/SSD Flash Component for Windows (x64) - EK0800JVYPN, EO1600JVYPP, MK0800JVYPQ and MO1600JVYPR Drives	cp048651.exe	MO1600JVYPR	HPD7 (D)	HPD7	
1639	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp048555.exe	EO000400JWDKP	HPD2 (E)	HPD2	
1640	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp048555.exe	EO000800JWDKQ	HPD2 (E)	HPD2	
1641	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR,	cp048555.exe	EO001600JWDKR	HPD2 (E)	HPD2	

	MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives					
1642	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp048555.exe	MO000400JWDK U	HPD2 (E)	HPD2	
1643	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp048555.exe	MO000800JWDK V	HPD2 (E)	HPD2	
1644	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp048555.exe	MO001600JWDLA	HPD2 (E)	HPD2	
1645	Online HDD/SSD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives	cp048555.exe	MO003200JWDLB	HPD2 (E)	HPD2	
1646	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT, VO007680PXDDBU and VO015300PXDDBV Drives	cp050385.exe	EO000400PXDBQ	HPD2	HPD2	更新
1647	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDDBN, VO001920PXDDBR, VO003840PXDDBT,	cp050385.exe	EO000800PXDCK	HPD2	HPD2	更新

	VO007680PXDBU and VO015300PXDBV Drives					
1648	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp050385.exe	EO001600PXDCH	HPD2	HPD2	更新
1649	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp050385.exe	MO000800PXDBP	HPD2	HPD2	更新
1650	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp050385.exe	MO001600PXDCC	HPD2	HPD2	更新
1651	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp050385.exe	MO003200PXDCCD	HPD2	HPD2	更新
1652	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD,	cp050385.exe	MO006400PXDCE	HPD2	HPD2	更新

	MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives					
1653	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp050385.exe	VO000960PXDBN	HPD2	HPD2	更新
1654	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp050385.exe	VO001920PXDBR	HPD2	HPD2	更新
1655	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp050385.exe	VO003840PXDBT	HPD2	HPD2	更新
1656	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives	cp050385.exe	VO007680PXDBU	HPD2	HPD2	更新
1657	Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK,	cp050385.exe	VO015300PXDBV	HPD2	HPD2	更新

	EO001600PXDCH, MO000800PXDBP, MO001600PXDCD, MO003200PXDCE, MO006400PXDCE, VO000960PXDDB, VO001920PXDDB, VO003840PXDDB, VO007680PXDDB and VO015300PXDDB Drives					
1658	Online HDD/SSD Flash Component for Windows (x64) - MB002000JWFVN and MB004000JWFVP Drives	cp048560.exe	MB002000JWFVN	HPD4 (B)	HPD4	
1659	Online HDD/SSD Flash Component for Windows (x64) - MB002000JWFVN and MB004000JWFVP Drives	cp048560.exe	MB004000JWFVP	HPD4 (B)	HPD4	
1660	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWFVK and MB006000JWFVL Drives	cp048562.exe	MB004000JWFVK	HPD4 (B)	HPD4	
1661	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWFVK and MB006000JWFVL Drives	cp048562.exe	MB006000JWFVL	HPD4 (B)	HPD4	
1662	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWKGU Drive	cp048666.exe	MB004000JWKGU	HPD2 (B)	HPD2	
1663	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWWQB, MB002000JWWQA and MB001000JWWPV Drives	cp048653.exe	MB004000JWWQ B	HPD6 (B)	HPD6	
1664	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWWQB, MB002000JWWQA and MB001000JWWPV Drives	cp048653.exe	MB002000JWWQ A	HPD6 (B)	HPD6	
1665	Online HDD/SSD Flash Component for Windows (x64) - MB004000JWWQB, MB002000JWWQA and MB001000JWWPV Drives	cp048653.exe	MB001000JWWP V	HPD6 (B)	HPD6	
1666	Online HDD/SSD Flash Component for Windows (x64) - MB006000JWKGU Drive	cp048677.exe	MB006000JWKGU	HPD2 (B)	HPD2	
1667	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWJRQ and MB006000JWJRP Drives	cp049130.exe	MB008000JWJRQ	HPD9 (B)	HPD9	
1668	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWJRQ and MB006000JWJRP Drives	cp049130.exe	MB006000JWJRP	HPD9 (B)	HPD9	
1669	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWRD Drive	cp048670.exe	MB008000JWRD	HPD2 (B)	HPD2	
1670	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWWQP and MB006000JWWQN Drives	cp048649.exe	MB008000JWWQ P	HPD6 (B)	HPD6	

1671	Online HDD/SSD Flash Component for Windows (x64) - MB008000JWWQP and MB006000JWWQN Drives	cp048649.exe	MB006000JWWQN	HPD6 (B)	HPD6	
1672	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWAYK and MB008000JWAYH Drives	cp048672.exe	MB010000JWAYK	HPD6 (B)	HPD6	
1673	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWAYK and MB008000JWAYH Drives	cp048672.exe	MB008000JWAYH	HPD6 (B)	HPD6	
1674	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	cp049052.exe	MB010000JWZHA	HPD2 (B)	HPD2	
1675	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	cp049052.exe	MB012000JWZHB	HPD2 (B)	HPD2	
1676	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	cp049052.exe	MB014000JWZHC	HPD2 (B)	HPD2	
1677	Online HDD/SSD Flash Component for Windows (x64) - MB010000JWZHA, MB012000JWZHB, MB014000JWZHC and MB016000JWZHE Drives	cp049052.exe	MB016000JWZHE	HPD2 (B)	HPD2	
1678	Online HDD/SSD Flash Component for Windows (x64) - MB012000JWDFD Drive	cp048634.exe	MB012000JWDFD	HPD3 (B)	HPD3	
1679	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	cp048547.exe	MB014000JWRTH	HPD2 (E)	HPD2	
1680	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	cp048547.exe	MB012000JWRTF	HPD2 (E)	HPD2	
1681	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives	cp048547.exe	MB010000JWRTE	HPD2 (E)	HPD2	
1682	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWTFD and MB012000JWTFC Drives	cp049123.exe	MB014000JWTFD	HPD8 (B)	HPD8	
1683	Online HDD/SSD Flash Component for Windows (x64) - MB014000JWTFD and MB012000JWTFC Drives	cp049123.exe	MB012000JWTFC	HPD8 (B)	HPD8	
1684	Online HDD/SSD Flash Component for Windows	cp048563.exe	MB014000JWUDB	HPD3 (B)	HPD3	

	(x64) - MB014000JWUDB Drive					
1685	Online HDD/SSD Flash Component for Windows (x64) - MB016000JWXKH Drive	cp049126.exe	MB016000JWXKH	HPD9 (B)	HPD9	
1686	Online HDD/SSD Flash Component for Windows (x64) - MB016000JXLBA and MB018000JXLAU Drives	cp049254.exe	MB016000JXLBA	HPD2	HPD2	
1687	Online HDD/SSD Flash Component for Windows (x64) - MB016000JXLBA and MB018000JXLAU Drives	cp049254.exe	MB018000JXLAU	HPD2	HPD2	
1688	Online HDD/SSD Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	cp048569.exe	MB1000JVYZL	HPD3 (E)	HPD3	
1689	Online HDD/SSD Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	cp048569.exe	MB2000JVYZN	HPD3 (E)	HPD3	
1690	Online HDD/SSD Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	cp048569.exe	MB3000JVYZP	HPD3 (E)	HPD3	
1691	Online HDD/SSD Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives	cp048569.exe	MB4000JVYZQ	HPD3 (E)	HPD3	
1692	Online HDD/SSD Flash Component for Windows (x64) - MB2000JFDSL and MB4000JFDSN Drives	cp048589.exe	MB2000JFDSL	HPD4 (G)	HPD4	
1693	Online HDD/SSD Flash Component for Windows (x64) - MB2000JFDSL and MB4000JFDSN Drives	cp048589.exe	MB4000JFDSN	HPD4 (G)	HPD4	
1694	Online HDD/SSD Flash Component for Windows (x64) - MB2000JFEML and MB4000JFEMN Drives	cp048590.exe	MB2000JFEML	HPD6 (G)	HPD6	
1695	Online HDD/SSD Flash Component for Windows (x64) - MB2000JFEML and MB4000JFEMN Drives	cp048590.exe	MB4000JFEMN	HPD6 (G)	HPD6	
1696	Online HDD/SSD Flash Component for Windows (x64) - MB2000JFEPA and MB4000JFEPB Drives	cp048591.exe	MB2000JFEPA	HPD5 (G)	HPD5	
1697	Online HDD/SSD Flash Component for Windows (x64) - MB2000JFEPA and MB4000JFEPB Drives	cp048591.exe	MB4000JFEPB	HPD5 (G)	HPD5	
1698	Online HDD/SSD Flash Component for Windows (x64) - MB4000JEFNC and MB6000JEFND Drives	cp048607.exe	MB4000JEFNC	HPD9 (G)	HPD9	
1699	Online HDD/SSD Flash Component for Windows (x64) - MB4000JEFNC and MB6000JEFND Drives	cp048607.exe	MB6000JEFND	HPD9 (G)	HPD9	

1700	Online HDD/SSD Flash Component for Windows (x64) - MB4000JEQNL and MB6000JEQNN Drives	cp048608.exe	MB4000JEQNL	HPDB (G)	HPDB	
1701	Online HDD/SSD Flash Component for Windows (x64) - MB4000JEQNL and MB6000JEQNN Drives	cp048608.exe	MB6000JEQNN	HPDB (G)	HPDB	
1702	Online HDD/SSD Flash Component for Windows (x64) - MB4000JEXYA and MB6000JEXYB Drives	cp048609.exe	MB4000JEXYA	HPD9 (E)	HPD9	
1703	Online HDD/SSD Flash Component for Windows (x64) - MB4000JEXYA and MB6000JEXYB Drives	cp048609.exe	MB6000JEXYB	HPD9 (E)	HPD9	
1704	Online HDD/SSD Flash Component for Windows (x64) - MB6000JEQUV and MB8000JEQVA Drives	cp048614.exe	MB6000JEQUV	HPDB (G)	HPDB	
1705	Online HDD/SSD Flash Component for Windows (x64) - MB6000JEQUV and MB8000JEQVA Drives	cp048614.exe	MB8000JEQVA	HPDB (G)	HPDB	
1706	Online HDD/SSD Flash Component for Windows (x64) - MB6000JVYYV Drive	cp048615.exe	MB6000JVYYV	HPD2 (G)	HPD2	
1707	Online HDD/SSD Flash Component for Windows (x64) - MB6000JVYZD and MB4000JVYZC Drives	cp048617.exe	MB6000JVYZD	HPD4 (E)	HPD4	
1708	Online HDD/SSD Flash Component for Windows (x64) - MB6000JVYZD and MB4000JVYZC Drives	cp048617.exe	MB4000JVYZC	HPD4 (E)	HPD4	
1709	Online HDD/SSD Flash Component for Windows (x64) - MB8000JFECQ Drive	cp048619.exe	MB8000JFECQ	HPD7 (F)	HPD7	
1710	Online HDD/SSD Flash Component for Windows (x64) - MM1000JEFRB and MM2000JEFRC Drives	cp048625.exe	MM1000JEFRB	HPD9 (B)	HPD9	
1711	Online HDD/SSD Flash Component for Windows (x64) - MM1000JEFRB and MM2000JEFRC Drives	cp048625.exe	MM2000JEFRC	HPD9 (B)	HPD9	
1712	Online HDD/SSD Flash Component for Windows (x64) - MM1000JFJTH and MM002000JWCNF Drives	cp048626.exe	MM1000JFJTH	HPD4 (B)	HPD4	
1713	Online HDD/SSD Flash Component for Windows (x64) - MM1000JFJTH and MM002000JWCNF Drives	cp048626.exe	MM002000JWCN F	HPD4 (B)	HPD4	
1714	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFWN, MO000800JWFWP, MO001600JWFWQ, MO003200JWFWR, MO000960JWFWT, MO001920JWFWU and MO003840JWFWV Drives	cp048627.exe	MO000400JWFW N	HPD5 (E)	HPD5	
1715	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFWN,	cp048627.exe	MO000800JWFW P	HPD5 (E)	HPD5	

	MO000800JWFWP, MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives					
1716	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFWN, MO000800JWFWP, MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives	cp048627.exe	MO001600JFWF Q	HPD5 (E)	HPD5	
1717	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFWN, MO000800JWFWP, MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives	cp048627.exe	MO003200JFWF R	HPD5 (E)	HPD5	
1718	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFWN, MO000800JWFWP, MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives	cp048627.exe	MO000960JFWF T	HPD5 (E)	HPD5	
1719	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFWN, MO000800JWFWP, MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives	cp048627.exe	MO001920JFWF U	HPD5 (E)	HPD5	
1720	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWFWN, MO000800JWFWP, MO001600JFWFQ, MO003200JFWFR, MO000960JFWFT, MO001920JFWFU and MO003840JFWFV Drives	cp048627.exe	MO003840JFWF V	HPD5 (E)	HPD5	
1721	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp048628.exe	MO000400JWUFT	HPD3 (C)	HPD3	
1722	Online HDD/SSD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV,	cp048628.exe	MO000800JWUF U	HPD3 (C)	HPD3	

	MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives					
1723	Online HDD/SSD Flash Component for Windows (x64) - MO000400JUWFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp048628.exe	MO001600JWUFV	HPD3 (C)	HPD3	
1724	Online HDD/SSD Flash Component for Windows (x64) - MO000400JUWFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp048628.exe	MO003200JWUG A	HPD3 (C)	HPD3	
1725	Online HDD/SSD Flash Component for Windows (x64) - MO000400JUWFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp048628.exe	MO006400JWUG B	HPD3 (C)	HPD3	
1726	Online HDD/SSD Flash Component for Windows (x64) - MO000400JUWFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp048628.exe	EO000400JWUGC	HPD3 (C)	HPD3	
1727	Online HDD/SSD Flash Component for Windows (x64) - MO000400JUWFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp048628.exe	EO000800JWUGD	HPD3 (C)	HPD3	
1728	Online HDD/SSD Flash Component for Windows (x64) - MO000400JUWFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives	cp048628.exe	EO001600JWUGE	HPD3 (C)	HPD3	
1729	Online HDD/SSD Flash	cp049152.exe	MO000800JXBEV	HPD1 (B)	HPD1	

	Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives					
1730	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp049152.exe	MO001600JXBFP	HPD1 (B)	HPD1	
1731	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp049152.exe	MO003200JXBFQ	HPD1 (B)	HPD1	
1732	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp049152.exe	MO006400JXBFR	HPD1 (B)	HPD1	
1733	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFQ, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV,	cp049152.exe	MO000960JXBFA	HPD1 (B)	HPD1	

	EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives					
1734	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp049152.exe	MO001920JXBFT	HPD1 (B)	HPD1	
1735	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp049152.exe	MO003840JXBFU	HPD1 (B)	HPD1	
1736	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp049152.exe	MO007680JXBGA	HPD1 (B)	HPD1	
1737	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp049152.exe	MO015360JXBFV	HPD1 (B)	HPD1	
1738	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA,	cp049152.exe	EO000400JXBEU	HPD1 (B)	HPD1	

	MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives					
1739	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp049152.exe	EO000800JXBFL	HPD1 (B)	HPD1	
1740	Online HDD/SSD Flash Component for Windows (x64) - MO000800JXBEV, MO001600JXBFP, MO003200JXBFO, MO006400JXBFR, MO000960JXBFA, MO001920JXBFT, MO003840JXBFU, MO007680JXBGA, MO015360JXBFV, EO000400JXBEU, EO000800JXBFL and EO001600JXBFN Drives	cp049152.exe	EO001600JXBFN	HPD1 (B)	HPD1	
1741	Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	cp048630.exe	EO0800JEFPP	HPD3 (G)	HPD3	
1742	Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	cp048630.exe	EO0400JEFPE	HPD3 (G)	HPD3	
1743	Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	cp048630.exe	EO0200JEFPD	HPD3 (G)	HPD3	
1744	Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and	cp048630.exe	MO1600JEFPC	HPD3 (G)	HPD3	

	EO0800JEFPP Drives					
1745	Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	cp048630.exe	MO0800JEFPB	HPD3 (G)	HPD3	
1746	Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	cp048630.exe	MO0400JEFPA	HPD3 (G)	HPD3	
1747	Online HDD/SSD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE and EO0800JEFPP Drives	cp048630.exe	MO0200JEFNV	HPD3 (G)	HPD3	
1748	Online HDD/SSD Flash Component for Windows (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	cp048661.exe	MO0400JFFCF	HPD9 (D)	HPD9	
1749	Online HDD/SSD Flash Component for Windows (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	cp048661.exe	MO0800JFFCH	HPD9 (D)	HPD9	
1750	Online HDD/SSD Flash Component for Windows (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	cp048661.exe	MO1600JFFCK	HPD9 (D)	HPD9	
1751	Online HDD/SSD Flash Component for Windows (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK and MO3200JFFCL Drives	cp048661.exe	MO3200JFFCL	HPD9 (D)	HPD9	
1752	Online HDD/SSD Flash Component for Windows (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	cp048665.exe	VK000960JWSSQ	HPD8 (D)	HPD8	
1753	Online HDD/SSD Flash Component for Windows (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	cp048665.exe	VK001920JWSSR	HPD8 (D)	HPD8	
1754	Online HDD/SSD Flash Component for Windows (x64) - VK000960JWSSQ,	cp048665.exe	VK003840JWSST	HPD8 (D)	HPD8	

	VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives					
1755	Online HDD/SSD Flash Component for Windows (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	cp048665.exe	VK007680JWSSU	HPD8 (D)	HPD8	
1756	Online HDD/SSD Flash Component for Windows (x64) - VK000960JWSSQ, VK001920JWSSR, VK003840JWSST, VK007680JWSSU and VO015300JWSSV Drives	cp048665.exe	VO015300JWSSV	HPD8 (D)	HPD8	
1757	Online HDD/SSD Flash Component for Windows (x64) - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	cp049412.exe	VK0400JEABD	HPD4 (B)	HPD4	
1758	Online HDD/SSD Flash Component for Windows (x64) - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	cp049412.exe	VK0800JEABE	HPD4 (B)	HPD4	
1759	Online HDD/SSD Flash Component for Windows (x64) - VK0400JEABD, VK0800JEABE, and VO1600JEABF Drives	cp049412.exe	VO1600JEABF	HPD4 (B)	HPD4	
1760	Online HDD/SSD Flash Component for Windows (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	cp044739.exe	VO000480JWDAR	HPD8 (D)	HPD8	
1761	Online HDD/SSD Flash Component for Windows (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	cp044739.exe	VO000960JWDAT	HPD8 (D)	HPD8	
1762	Online HDD/SSD Flash Component for Windows (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	cp044739.exe	VO001920JWDAU	HPD8 (D)	HPD8	
1763	Online HDD/SSD Flash Component for Windows (x64) - VO000480JWDAR, VO000960JWDAT, VO001920JWDAU and VO003840JWDAV Drives	cp044739.exe	VO003840JWDAV	HPD8 (D)	HPD8	
1764	Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	cp048468.exe	VO000800JWZJP	HPD4 (B)	HPD4	
1765	Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP,	cp048468.exe	VO001600JWZJQ	HPD4 (B)	HPD4	

	VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives					
1766	Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	cp048468.exe	VO003200JWZJR	HPD4 (B)	HPD4	
1767	Online HDD/SSD Flash Component for Windows (x64) - VO000800JWZJP, VO001600JWZJQ, VO003200JWZJR and VO006400JWZJT Drives	cp048468.exe	VO006400JWZJT	HPD4 (B)	HPD4	
1768	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTL, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ, MO000800JWTLR, MO001600JWTLT, MO003200JWTLU, MO006400JWTLCD, EO000400JWTLV, EO000800JWTLCA and EO001600JWTLCB Drives	cp049146.exe	VO000960JWTBK	HPD9 (B)	HPD9	
1769	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTL, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ, MO000800JWTLR, MO001600JWTLT, MO003200JWTLU, MO006400JWTLCD, EO000400JWTLV, EO000800JWTLCA and EO001600JWTLCB Drives	cp049146.exe	VO001920JWTL	HPD9 (B)	HPD9	
1770	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTL, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ, MO000800JWTLR, MO001600JWTLT, MO003200JWTLU, MO006400JWTLCD, EO000400JWTLV, EO000800JWTLCA and EO001600JWTLCB Drives	cp049146.exe	VO003840JWTLN	HPD9 (B)	HPD9	
1771	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTBK, VO001920JWTL, VO003840JWTLN, VO007680JWTLB, MO000400JWTLQ, MO000800JWTLR, MO001600JWTLT,	cp049146.exe	VO007680JWTLB	HPD9 (B)	HPD9	

	MO003200JWBUB, MO006400JWTCB, EO000400JWBVB, EO000800JWTCB and EO001600JWTCB Drives					
1772	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBKB, VO001920JWBBL, VO003840JWBKN, VO007680JWBKP, MO000400JWBQ, MO000800JWBK, MO001600JWBK, MO003200JWBUB, MO006400JWTCB, EO000400JWBVB, EO000800JWTCB and EO001600JWTCB Drives	cp049146.exe	MO000400JWB Q	HPD9 (B)	HPD9	
1773	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBKB, VO001920JWBBL, VO003840JWBKN, VO007680JWBKP, MO000400JWBQ, MO000800JWBK, MO001600JWBK, MO003200JWBUB, MO006400JWTCB, EO000400JWBVB, EO000800JWTCB and EO001600JWTCB Drives	cp049146.exe	MO000800JWBK	HPD9 (B)	HPD9	
1774	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBKB, VO001920JWBBL, VO003840JWBKN, VO007680JWBKP, MO000400JWBQ, MO000800JWBK, MO001600JWBK, MO003200JWBUB, MO006400JWTCB, EO000400JWBVB, EO000800JWTCB and EO001600JWTCB Drives	cp049146.exe	MO001600JWBK	HPD9 (B)	HPD9	
1775	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBKB, VO001920JWBBL, VO003840JWBKN, VO007680JWBKP, MO000400JWBQ, MO000800JWBK, MO001600JWBK, MO003200JWBUB, MO006400JWTCB, EO000400JWBVB, EO000800JWTCB and EO001600JWTCB Drives	cp049146.exe	MO003200JWBUB	HPD9 (B)	HPD9	
1776	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWBKB, VO001920JWBBL, VO003840JWBKN,	cp049146.exe	MO006400JWTCB	HPD9 (B)	HPD9	

	VO007680JWTPB, MO000400JWTBQ, MO000800JWTPB, MO001600JWTPB, MO003200JWTPB, MO006400JWTPC, EO000400JWTPB, EO000800JWTPC and EO001600JWTPC Drives					
1777	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTPB, VO001920JWTPB, VO003840JWTPB, VO007680JWTPB, MO000400JWTPB, MO000800JWTPB, MO001600JWTPB, MO003200JWTPB, MO006400JWTPC, EO000400JWTPB, EO000800JWTPC and EO001600JWTPC Drives	cp049146.exe	EO000400JWTPB	HPD9 (B)	HPD9	
1778	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTPB, VO001920JWTPB, VO003840JWTPB, VO007680JWTPB, MO000400JWTPB, MO000800JWTPB, MO001600JWTPB, MO003200JWTPB, MO006400JWTPC, EO000400JWTPB, EO000800JWTPC and EO001600JWTPC Drives	cp049146.exe	EO000800JWTPC	HPD9 (B)	HPD9	
1779	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTPB, VO001920JWTPB, VO003840JWTPB, VO007680JWTPB, MO000400JWTPB, MO000800JWTPB, MO001600JWTPB, MO003200JWTPB, MO006400JWTPC, EO000400JWTPB, EO000800JWTPC and EO001600JWTPC Drives	cp049146.exe	EO001600JWTPC	HPD9 (B)	HPD9	
1780	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWTPB, VO001920JWTPB, VO003840JWTPB, VO007680JWTPB, MO000400JWTPB, MO000800JWTPB, MO001600JWTPB, MO003200JWTPB, MO006400JWTPC, EO000400JWTPB, EO000800JWTPC and EO001600JWTPC Drives	cp049146.exe	EO003200JWTPC	HPD9 (B)	HPD9	
1781	Online HDD/SSD Flash	cp049146.exe	MO001920JWW	HPD9 (B)	HPD9	

	Component for Windows (x64) - VO000960JWTKB, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA and EO001600JWTKB Drives		WV			
1782	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp048466.exe	VO000960JWZJF	HPD4 (B)	HPD4	
1783	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp048466.exe	VO001920JWZJH	HPD4 (B)	HPD4	
1784	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp048466.exe	VO003840JWZJK	HPD4 (B)	HPD4	
1785	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp048466.exe	VO007680JWZJL	HPD4 (B)	HPD4	
1786	Online HDD/SSD Flash Component for Windows (x64) - VO000960JWZJF, VO001920JWZJH, VO003840JWZJK, VO007680JWZJL and VO015360JWZJN Drives	cp048466.exe	VO015360JWZJN	HPD4 (B)	HPD4	
1787	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp049365.exe	VO000960RWUEV	HPD6	HPD6	
1788	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp049365.exe	VO001920RWUFA	HPD6	HPD6	

1789	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp049365.exe	VO003840RWUFB	HPD6	HPD6	
1790	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp049365.exe	VO007680RWUFC	HPD6	HPD6	
1791	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp049365.exe	VO000960RWUFD	HPD6	HPD6	
1792	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp049365.exe	VO001920RWUFE	HPD6	HPD6	
1793	Online HDD/SSD Flash Component for Windows (x64) - VO000960RWUEV, VO001920RWUFA, VO003840RWUFB, VO007680RWUFC, VO000960RWUFD, VO001920RWUFE and VO003840RWUFF Drives	cp049365.exe	VO003840RWUFF	HPD6	HPD6	
1794	Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	cp050457.exe	VO003840XZCLT	HPD1	HPD1	新規追加
1795	Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	cp050457.exe	VO007680XZCMB	HPD1	HPD1	新規追加
1796	Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives	cp050457.exe	MO000800XZCLQ	HPD1	HPD1	新規追加
1797	Online HDD/SSD Flash Component for Windows (x64) - VO003840XZCLT,	cp050457.exe	MO001600XZCLV	HPD1	HPD1	新規追加

	VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives					
1798	Online HDD/SSD Flash Component for Windows (x64) - VO007680JWCNK and VO015300JWCNL Drives	cp048644.exe	VO007680JWCNK	HPD8 (D)	HPD8	
1799	Online HDD/SSD Flash Component for Windows (x64) - VO007680JWCNK and VO015300JWCNL Drives	cp048644.exe	VO015300JWCNL	HPD8 (D)	HPD8	
1800	Online HDD/SSD Flash Component for Windows (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	cp048660.exe	VO0480JFDGT	HPD9 (D)	HPD9	
1801	Online HDD/SSD Flash Component for Windows (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	cp048660.exe	VO0960JFDGU	HPD9 (D)	HPD9	
1802	Online HDD/SSD Flash Component for Windows (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	cp048660.exe	VO1920JFDGV	HPD9 (D)	HPD9	
1803	Online HDD/SSD Flash Component for Windows (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV and VO3840JFDHA Drives	cp048660.exe	VO3840JFDHA	HPD9 (D)	HPD9	
1804	Online HDD/SSD Flash Component for Windows (x64) - VO1920JEUQQ Drive	cp048645.exe	VO1920JEUQQ	HPD3 (G)	HPD3	

6.2.16 Firmware - SATA Storage Disk

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
1805	Online HDD/SSD Flash Component for Linux (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPF and EK001600GWEPH Drives	firmware-hdd- 5bf9355926-HPG3- 7.1.x86_64.rpm	EK000200GWEPD	HPG3 (G)	HPG3	
1806	Online HDD/SSD Flash Component for Linux (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPF and EK001600GWEPH Drives	firmware-hdd- 5bf9355926-HPG3- 7.1.x86_64.rpm	EK000400GWEPE	HPG3 (G)	HPG3	
1807	Online HDD/SSD Flash Component for Linux (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPF and EK001600GWEPH Drives	firmware-hdd- 5bf9355926-HPG3- 7.1.x86_64.rpm	EK000800GWEPF	HPG3 (G)	HPG3	

1808	Online HDD/SSD Flash Component for Linux (x64) - EK000200GWEPD, EK000400GWEPD, EK000800GWEPF and EK001600GWEPH Drives	firmware-hdd-5bf9355926-HPG3-7.1.x86_64.rpm	EK001600GWEPH	HPG3 (G)	HPG3	
1809	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWCBC and MB002000GWCBD Drives	firmware-hdd-68b12e54d2-HPG6-6.1.x86_64.rpm	MB001000GWCBC	HPG6 (F)	HPG6	
1810	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWCBC and MB002000GWCBD Drives	firmware-hdd-68b12e54d2-HPG6-6.1.x86_64.rpm	MB002000GWCBC	HPG6 (F)	HPG6	
1811	Online HDD/SSD Flash Component for Linux (x64) - MB001000GFWK and MB002000GFWL Drives	firmware-hdd-bfc4af697b-HPG6-5.1.x86_64.rpm	MB001000GFWK	HPG6 (E)	HPG6	
1812	Online HDD/SSD Flash Component for Linux (x64) - MB001000GFWK and MB002000GFWL Drives	firmware-hdd-bfc4af697b-HPG6-5.1.x86_64.rpm	MB002000GFWL	HPG6 (E)	HPG6	
1813	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GFWA and MB004000GFWFB Drives	firmware-hdd-d39e7a7e75-HPG1-6.1.x86_64.rpm	MB001000GWJAN	HPG1 (F)	HPG1	
1814	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GFWA and MB004000GFWFB Drives	firmware-hdd-d39e7a7e75-HPG1-6.1.x86_64.rpm	MB002000GFWA	HPG1 (F)	HPG1	
1815	Online HDD/SSD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GFWA and MB004000GFWFB Drives	firmware-hdd-d39e7a7e75-HPG1-6.1.x86_64.rpm	MB004000GFWB	HPG1 (F)	HPG1	
1816	Online HDD/SSD Flash Component for Linux (x64) - MB002000GWFGH and MB001000GWFGF Drives	firmware-hdd-0b575b5895-HPG3-8.1.x86_64.rpm	MB002000GWFGH	HPG3 (H)	HPG3	
1817	Online HDD/SSD Flash Component for Linux (x64) - MB002000GWFGH and MB001000GWFGF Drives	firmware-hdd-0b575b5895-HPG3-8.1.x86_64.rpm	MB001000GWFGF	HPG3 (H)	HPG3	
1818	Online HDD/SSD Flash Component for Linux (x64) - MB004000GWKGV Drive	firmware-hdd-ca21e169e2-HPG1-5.1.x86_64.rpm	MB004000GWKGV	HPG1 (E)	HPG1	
1819	Online HDD/SSD Flash Component for Linux (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	firmware-hdd-12304c1aca-HPG3-3.1.x86_64.rpm	MB004000GWWQH	HPG3 (C)	HPG3	
1820	Online HDD/SSD Flash Component for Linux (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	firmware-hdd-12304c1aca-HPG3-3.1.x86_64.rpm	MB002000GWWQF	HPG3 (C)	HPG3	
1821	Online HDD/SSD Flash Component for Linux (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	firmware-hdd-12304c1aca-HPG3-3.1.x86_64.rpm	MB001000GWWQE	HPG3 (C)	HPG3	
1822	Online HDD/SSD Flash Component for Linux (x64) - MB006000GWBXQ and	firmware-hdd-a1fd19f9ca-HPG8-6.1.x86_64.rpm	MB006000GWBXQ	HPG8 (F)	HPG8	

	MB008000GWBLYL Drives					
1823	Online HDD/SSD Flash Component for Linux (x64) - MB006000GWBXQ and MB008000GWBLYL Drives	firmware-hdd-a1fd19f9ca-HPG8-6.1.x86_64.rpm	MB008000GWBLYL	HPG8 (F)	HPG8	
1824	Online HDD/SSD Flash Component for Linux (x64) - MB006000GWJRR and MB008000GWJRT Drives	firmware-hdd-c993b31232-HPG4-4.1.x86_64.rpm	MB006000GWJRR	HPG4 (D)	HPG4	
1825	Online HDD/SSD Flash Component for Linux (x64) - MB006000GWJRR and MB008000GWJRT Drives	firmware-hdd-c993b31232-HPG4-4.1.x86_64.rpm	MB008000GWJRT	HPG4 (D)	HPG4	
1826	Online HDD/SSD Flash Component for Linux (x64) - MB006000GWKGR Drive	firmware-hdd-7f2a26e6d0-HPG1-5.1.x86_64.rpm	MB006000GWKGR	HPG1 (E)	HPG1	
1827	Online HDD/SSD Flash Component for Linux (x64) - MB008000GWRTC Drive	firmware-hdd-82894b9e0a-HPG1-5.1.x86_64.rpm	MB008000GWRTC	HPG1 (E)	HPG1	
1828	Online HDD/SSD Flash Component for Linux (x64) - MB008000GWWQU and MB006000GWWQT Drives	firmware-hdd-18e328f036-HPG2-4.1.x86_64.rpm	MB008000GWWQU	HPG2 (D)	HPG2	
1829	Online HDD/SSD Flash Component for Linux (x64) - MB008000GWWQU and MB006000GWWQT Drives	firmware-hdd-18e328f036-HPG2-4.1.x86_64.rpm	MB006000GWWQT	HPG2 (D)	HPG2	
1830	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWAYN and MB008000GWAYL Drives	firmware-hdd-cc819d4bff-HPG5-7.1.x86_64.rpm	MB010000GWAYN	HPG5 (G)	HPG5	
1831	Online HDD/SSD Flash Component for Linux (x64) - MB010000GWAYN and MB008000GWAYL Drives	firmware-hdd-cc819d4bff-HPG5-7.1.x86_64.rpm	MB008000GWAYL	HPG5 (G)	HPG5	
1832	Online HDD/SSD Flash Component for Linux (x64) - MB012000GWDFF Drive	firmware-hdd-059b8654a6-HPG3-2.1.x86_64.rpm	MB012000GWDFF	HPG3 (B)	HPG3	
1833	Online HDD/SSD Flash Component for Linux (x64) - MB012000GWTFE and MB014000GWTFE Drives	firmware-hdd-b78255e146-HPG7-3.1.x86_64.rpm	MB012000GWTFE	HPG7 (C)	HPG7	
1834	Online HDD/SSD Flash Component for Linux (x64) - MB012000GWTFE and MB014000GWTFE Drives	firmware-hdd-b78255e146-HPG7-3.1.x86_64.rpm	MB014000GWTFE	HPG7 (C)	HPG7	
1835	Online HDD/SSD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	firmware-hdd-6b7ce3da0e-HPG2-6.1.x86_64.rpm	MB014000GWRTN	HPG2 (F)	HPG2	
1836	Online HDD/SSD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	firmware-hdd-6b7ce3da0e-HPG2-6.1.x86_64.rpm	MB012000GWRTL	HPG2 (F)	HPG2	
1837	Online HDD/SSD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	firmware-hdd-6b7ce3da0e-HPG2-6.1.x86_64.rpm	MB010000GWRTK	HPG2 (F)	HPG2	
1838	Online HDD/SSD Flash Component for Linux (x64) - MB014000GWUDA Drive	firmware-hdd-41cdb1c9da-HPG2-5.1.x86_64.rpm	MB014000GWUDA	HPG2 (E)	HPG2	
1839	Online HDD/SSD Flash Component for Linux (x64) -	firmware-hdd-e4f147cdd2-HPG3-	MB016000GWXK	HPG3 (B)	HPG3	

	MB016000GWXKK Drive	2.1.x86_64.rpm				
1840	Online HDD/SSD Flash Component for Linux (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	firmware-hdd-3ab4c70e64-HPG4-10.1.x86_64.rpm	MB1000GDUNU	HPG4 (J)	HPG4	
1841	Online HDD/SSD Flash Component for Linux (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	firmware-hdd-3ab4c70e64-HPG4-10.1.x86_64.rpm	MB2000GDUNV	HPG4 (J)	HPG4	
1842	Online HDD/SSD Flash Component for Linux (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	firmware-hdd-3ab4c70e64-HPG4-10.1.x86_64.rpm	MB3000GDUPA	HPG4 (J)	HPG4	
1843	Online HDD/SSD Flash Component for Linux (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	firmware-hdd-3ab4c70e64-HPG4-10.1.x86_64.rpm	MB4000GDUPB	HPG4 (J)	HPG4	
1844	Online HDD/SSD Flash Component for Linux (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	firmware-hdd-0a7010918e-HPG4-10.1.x86_64.rpm	MB1000GVYZE	HPG4 (J)	HPG4	
1845	Online HDD/SSD Flash Component for Linux (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	firmware-hdd-0a7010918e-HPG4-10.1.x86_64.rpm	MB2000GVYZF	HPG4 (J)	HPG4	
1846	Online HDD/SSD Flash Component for Linux (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	firmware-hdd-0a7010918e-HPG4-10.1.x86_64.rpm	MB3000GVYZH	HPG4 (J)	HPG4	
1847	Online HDD/SSD Flash Component for Linux (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	firmware-hdd-0a7010918e-HPG4-10.1.x86_64.rpm	MB4000GVYZK	HPG4 (J)	HPG4	
1848	Online HDD/SSD Flash Component for Linux (x64) - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	firmware-hdd-2e70ce7412-HPG4-10.1.x86_64.rpm	MB2000GCWLT	HPG4 (J)	HPG4	
1849	Online HDD/SSD Flash Component for Linux (x64) - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	firmware-hdd-2e70ce7412-HPG4-10.1.x86_64.rpm	MB3000GCWLU	HPG4 (J)	HPG4	
1850	Online HDD/SSD Flash Component for Linux (x64) - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	firmware-hdd-2e70ce7412-HPG4-10.1.x86_64.rpm	MB4000GCWLV	HPG4 (J)	HPG4	
1851	Online HDD/SSD Flash Component for Linux (x64) -	firmware-hdd-70e3962f98-HPG6-	MB2000GFEMH	HPG6 (I)	HPG6	

	MB2000GFEMH and MB4000GFEMK Drives	9.1.x86_64.rpm				
1852	Online HDD/SSD Flash Component for Linux (x64) - MB2000GFEMH and MB4000GFEMK Drives	firmware-hdd-70e3962f98-HPG6-9.1.x86_64.rpm	MB4000GFEMK	HPG6 (I)	HPG6	
1853	Online HDD/SSD Flash Component for Linux (x64) - MB4000GEFNA and MB6000GEFNB Drives	firmware-hdd-40277d55d3-HPG6-10.1.x86_64.rpm	MB4000GEFNA	HPG6 (J)	HPG6	
1854	Online HDD/SSD Flash Component for Linux (x64) - MB4000GEFNA and MB6000GEFNB Drives	firmware-hdd-40277d55d3-HPG6-10.1.x86_64.rpm	MB6000GEFNB	HPG6 (J)	HPG6	
1855	Online HDD/SSD Flash Component for Linux (x64) - MB4000GEQNH and MB6000GEQNK Drives	firmware-hdd-bfc95f0628-HPGB-9.1.x86_64.rpm	MB4000GEQNH	HPGB (I)	HPGB	
1856	Online HDD/SSD Flash Component for Linux (x64) - MB4000GEQNH and MB6000GEQNK Drives	firmware-hdd-bfc95f0628-HPGB-9.1.x86_64.rpm	MB6000GEQNK	HPGB (I)	HPGB	
1857	Online HDD/SSD Flash Component for Linux (x64) - MB6000GEBTP Drive	firmware-hdd-3243fce9a0-HPG4-9.1.x86_64.rpm	MB6000GEBTP	HPG4 (I)	HPG4	
1858	Online HDD/SSD Flash Component for Linux (x64) - MB6000GEQUT and MB8000GEQUU Drives	firmware-hdd-1d7f19120b-HPGB-9.1.x86_64.rpm	MB6000GEQUT	HPGB (I)	HPGB	
1859	Online HDD/SSD Flash Component for Linux (x64) - MB6000GEQUT and MB8000GEQUU Drives	firmware-hdd-1d7f19120b-HPGB-9.1.x86_64.rpm	MB8000GEQUU	HPGB (I)	HPGB	
1860	Online HDD/SSD Flash Component for Linux (x64) - MB6000GEXXV Drive	firmware-hdd-a629fcea59-HPG2-10.1.x86_64.rpm	MB6000GEXXV	HPG2 (J)	HPG2	
1861	Online HDD/SSD Flash Component for Linux (x64) - MB6000GVYYU Drive	firmware-hdd-bdc37cb37f-HPG2-9.1.x86_64.rpm	MB6000GVYYU	HPG2 (I)	HPG2	
1862	Online HDD/SSD Flash Component for Linux (x64) - MB6000GVYZB and MB4000GVYZA Drives	firmware-hdd-0a7d4aa47f-HPG4-6.1.x86_64.rpm	MB6000GVYZB	HPG4 (F)	HPG4	
1863	Online HDD/SSD Flash Component for Linux (x64) - MB6000GVYZB and MB4000GVYZA Drives	firmware-hdd-0a7d4aa47f-HPG4-6.1.x86_64.rpm	MB4000GVYZA	HPG4 (F)	HPG4	
1864	Online HDD/SSD Flash Component for Linux (x64) - MB8000GFECR Drive	firmware-hdd-6d922fc9a8-HPG6-6.1.x86_64.rpm	MB8000GFECR	HPG6 (F)	HPG6	
1865	Online HDD/SSD Flash Component for Linux (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	firmware-hdd-7677644a25-HPG3-7.1.x86_64.rpm	MK000240GWCEU	HPG3 (G)	HPG3	
1866	Online HDD/SSD Flash Component for Linux (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	firmware-hdd-7677644a25-HPG3-7.1.x86_64.rpm	MK000480GWCEV	HPG3 (G)	HPG3	
1867	Online HDD/SSD Flash Component for Linux (x64) - MK000240GWCEU, MK000480GWCEV,	firmware-hdd-7677644a25-HPG3-7.1.x86_64.rpm	MK000960GWCFA	HPG3 (G)	HPG3	

	MK000960GWCFA and MK001920GWCFB Drives					
1868	Online HDD/SSD Flash Component for Linux (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	firmware-hdd-7677644a25-HPG3-7.1.x86_64.rpm	MK001920GWCFB	HPG3 (G)	HPG3	
1869	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	firmware-hdd-f693ccc138-HPG3-3.1.x86_64.rpm	MK000480GWSSC	HPG3 (C)	HPG3	
1870	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	firmware-hdd-f693ccc138-HPG3-3.1.x86_64.rpm	MK000960GWSSD	HPG3 (C)	HPG3	
1871	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	firmware-hdd-f693ccc138-HPG3-3.1.x86_64.rpm	MK001920GWSSE	HPG3 (C)	HPG3	
1872	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	firmware-hdd-f693ccc138-HPG3-3.1.x86_64.rpm	MK003840GWSSF	HPG3 (C)	HPG3	
1873	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	firmware-hdd-8e1e8083c5-HPG2-1.1.x86_64.rpm	MK000480GWXFF	HPG2	HPG2	
1874	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	firmware-hdd-8e1e8083c5-HPG2-1.1.x86_64.rpm	MK000960GWXFH	HPG2	HPG2	
1875	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	firmware-hdd-8e1e8083c5-HPG2-1.1.x86_64.rpm	MK001920GWXFK	HPG2	HPG2	
1876	Online HDD/SSD Flash Component for Linux (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	firmware-hdd-8e1e8083c5-HPG2-1.1.x86_64.rpm	MK003840GWXFL	HPG2	HPG2	
1877	Online HDD/SSD Flash Component for Linux (x64) - MK003840GWHITE Drive	firmware-hdd-ac20a1e1c6-HPG8-2.1.x86_64.rpm	MK003840GWHT E	HPG8 (B)	HPG8	
1878	Online HDD/SSD Flash Component for Linux (x64) - MK0960GECQK Drive	firmware-hdd-3e34285be7-HPG3-11.1.x86_64.rpm	MK0960GECQK	HPG3 (K)	HPG3	
1879	Online HDD/SSD Flash Component for Linux (x64) - MM1000GEFQV and MM2000GEFRA Drives	firmware-hdd-ec908c3650-HPG8-8.1.x86_64.rpm	MM1000GEFQV	HPG8 (H)	HPG8	

1880	Online HDD/SSD Flash Component for Linux (x64) - MM1000GEFVQ and MM2000GEFRA Drives	firmware-hdd-ec908c3650-HPG8-8.1.x86_64.rpm	MM2000GEFRA	HPG8 (H)	HPG8	
1881	Online HDD/SSD Flash Component for Linux (x64) - MM1000GFJTE Drive	firmware-hdd-95af9a555e-HPG5-6.1.x86_64.rpm	MM1000GFJTE	HPG5 (F)	HPG5	
1882	Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGG-2.1.x86_64.rpm	MR000240GWFLU	HPGG (B)	HPGG	
1883	Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGG-2.1.x86_64.rpm	MR000480GWFLV	HPGG (B)	HPGG	
1884	Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGG-2.1.x86_64.rpm	VR000480GWFMD	HPGG (B)	HPGG	
1885	Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGG-2.1.x86_64.rpm	MR000960GWFMA	HPGG (B)	HPGG	
1886	Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGG-2.1.x86_64.rpm	VR000960GWFME	HPGG (B)	HPGG	
1887	Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	firmware-hdd-9196d4f720-HPGG-2.1.x86_64.rpm	MR001920GWFMB	HPGG (B)	HPGG	
1888	Online HDD/SSD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD,	firmware-hdd-9196d4f720-HPGG-2.1.x86_64.rpm	VR001920GWFMC	HPGG (B)	HPGG	

	MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives					
1889	Online HDD/SSD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	firmware-hdd- 6e3845def5-HPG1- 6.1.x86_64.rpm	VK000150GWCNN	HPG1 (F)	HPG1	
1890	Online HDD/SSD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	firmware-hdd- 6e3845def5-HPG1- 6.1.x86_64.rpm	VK000240GWCNP	HPG1 (F)	HPG1	
1891	Online HDD/SSD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	firmware-hdd- 6e3845def5-HPG1- 6.1.x86_64.rpm	VK000480GWCN Q	HPG1 (F)	HPG1	
1892	Online HDD/SSD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	firmware-hdd- 6e3845def5-HPG1- 6.1.x86_64.rpm	VK000960GWCNR	HPG1 (F)	HPG1	
1893	Online HDD/SSD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	firmware-hdd- 6e3845def5-HPG1- 6.1.x86_64.rpm	VK001600GWCNT	HPG1 (F)	HPG1	
1894	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	firmware-hdd- f42438de3d-HPG3- 7.1.x86_64.rpm	VK000480GWCFE	HPG3 (G)	HPG3	
1895	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	firmware-hdd- f42438de3d-HPG3- 7.1.x86_64.rpm	VK000960GWCFE	HPG3 (G)	HPG3	
1896	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	firmware-hdd- f42438de3d-HPG3- 7.1.x86_64.rpm	VK000240GWCFD	HPG3 (G)	HPG3	
1897	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and	firmware-hdd- f42438de3d-HPG3- 7.1.x86_64.rpm	VK001920GWCFH	HPG3 (G)	HPG3	

	VK003840GWCFK Drives					
1898	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	firmware-hdd-f42438de3d-HPG3-7.1.x86_64.rpm	VK003840GWCFK	HPG3 (G)	HPG3	
1899	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGG-2.1.x86_64.rpm	VK000240GWEZB	HPGG (B)	HPGG	
1900	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGG-2.1.x86_64.rpm	VK000480GWEZC	HPGG (B)	HPGG	
1901	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGG-2.1.x86_64.rpm	VK000960GWEZD	HPGG (B)	HPGG	
1902	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGG-2.1.x86_64.rpm	VK001920GWEZE	HPGG (B)	HPGG	
1903	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGG-2.1.x86_64.rpm	MK000240GWEZF	HPGG (B)	HPGG	
1904	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH,	firmware-hdd-3db7640485-HPGG-2.1.x86_64.rpm	MK000480GWEZ H	HPGG (B)	HPGG	

	MK000960GWEZK and MK001920GWHRU Drives					
1905	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGG-2.1.x86_64.rpm	MK000960GWEZK	HPGG (B)	HPGG	
1906	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	firmware-hdd-3db7640485-HPGG-2.1.x86_64.rpm	MK001920GWHRU	HPGG (B)	HPGG	
1907	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	firmware-hdd-aef2a690c9-HPG5-6.1.x86_64.rpm	MK000240GWKVK	HPG5 (F)	HPG5	
1908	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	firmware-hdd-aef2a690c9-HPG5-6.1.x86_64.rpm	MK000480GWJPN	HPG5 (F)	HPG5	
1909	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	firmware-hdd-aef2a690c9-HPG5-6.1.x86_64.rpm	MK000960GWJPP	HPG5 (F)	HPG5	
1910	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	firmware-hdd-aef2a690c9-HPG5-6.1.x86_64.rpm	MK001920GWJPPQ	HPG5 (F)	HPG5	

1911	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-6.1.x86_64.rpm	VK000240GWJPD	HPG5 (F)	HPG5	
1912	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-6.1.x86_64.rpm	VK000480GWJPE	HPG5 (F)	HPG5	
1913	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-6.1.x86_64.rpm	VK000960GWJPF	HPG5 (F)	HPG5	
1914	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-6.1.x86_64.rpm	VK001920GWJPH	HPG5 (F)	HPG5	
1915	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	firmware-hdd-aef2a690c9-HPG5-6.1.x86_64.rpm	VK003840GWJPK	HPG5 (F)	HPG5	
1916	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	firmware-hdd-db687966b4-HPG4-3.1.x86_64.rpm	VK000240GWSRQ	HPG4 (C)	HPG4	
1917	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR,	firmware-hdd-db687966b4-HPG4-3.1.x86_64.rpm	VK000480GWSRR	HPG4 (C)	HPG4	

	VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives					
1918	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	firmware-hdd- db687966b4-HPG4- 3.1.x86_64.rpm	VK000960GWSRT	HPG4 (C)	HPG4	
1919	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	firmware-hdd- db687966b4-HPG4- 3.1.x86_64.rpm	VK001920GWSRU	HPG4 (C)	HPG4	
1920	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	firmware-hdd- db687966b4-HPG4- 3.1.x86_64.rpm	VK003840GWSRV	HPG4 (C)	HPG4	
1921	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd- c566d63ca0-HPG6- 3.1.x86_64.rpm	VK000240GWTSV	HPG6 (C)	HPG6	
1922	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd- c566d63ca0-HPG6- 3.1.x86_64.rpm	VK000480GWTTA	HPG6 (C)	HPG6	
1923	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd- c566d63ca0-HPG6- 3.1.x86_64.rpm	VK000960GWTTB	HPG6 (C)	HPG6	
1924	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK,	firmware-hdd- c566d63ca0-HPG6- 3.1.x86_64.rpm	VK001920GWTTT	HPG6 (C)	HPG6	

	MK001920GWTTL and MK003840GWTTN Drives					
1925	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG6-3.1.x86_64.rpm	VK003840GWTTD	HPG6 (C)	HPG6	
1926	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG6-3.1.x86_64.rpm	MK000480GWTT H	HPG6 (C)	HPG6	
1927	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG6-3.1.x86_64.rpm	MK000960GWTTK	HPG6 (C)	HPG6	
1928	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG6-3.1.x86_64.rpm	MK001920GWTTL	HPG6 (C)	HPG6	
1929	Online HDD/SSD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives	firmware-hdd-c566d63ca0-HPG6-3.1.x86_64.rpm	MK003840GWTT N	HPG6 (C)	HPG6	
1930	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWA, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF,	firmware-hdd-8f9bf23306-HPG1-2.1.x86_64.rpm	VK000240GXAWA	HPG1 (B)	HPG1	

	MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives					
1931	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- 2.1.x86_64.rpm	VK000480GXAWK	HPG1 (B)	HPG1	
1932	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- 2.1.x86_64.rpm	VK000960GXAWL	HPG1 (B)	HPG1	
1933	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- 2.1.x86_64.rpm	VK001920GXAWN	HPG1 (B)	HPG1	
1934	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- 2.1.x86_64.rpm	VK003840GXAWP	HPG1 (B)	HPG1	

1935	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWQ, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd-8f9bf23306-HPG1-2.1.x86_64.rpm	VK007680GXAWQ	HPG1 (B)	HPG1	
1936	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWQ, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd-8f9bf23306-HPG1-2.1.x86_64.rpm	MK000480GXAWF	HPG1 (B)	HPG1	
1937	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWQ, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd-8f9bf23306-HPG1-2.1.x86_64.rpm	MK000960GXAXB	HPG1 (B)	HPG1	
1938	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWQ, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd-8f9bf23306-HPG1-2.1.x86_64.rpm	MK001920GXAWR	HPG1 (B)	HPG1	
1939	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWQ, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN,	firmware-hdd-8f9bf23306-HPG1-2.1.x86_64.rpm	MK003840GXAWT	HPG1 (B)	HPG1	

	VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives					
1940	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWQ, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 2.1.x86_64.rpm	VR000240GXBBL	HPG1 (B)	HPG1	
1941	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWQ, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 2.1.x86_64.rpm	MR000480GXBGH	HPG1 (B)	HPG1	
1942	Online HDD/SSD Flash Component for Linux (x64) - VK000240GXAWQ, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	firmware-hdd- 8f9bf23306-HPG1- 2.1.x86_64.rpm	MR000960GXBGK	HPG1 (B)	HPG1	
1943	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	firmware-hdd- 9e87eecb3f-HPG3- 2.1.x86_64.rpm	VK000480GWSXF	HPG3 (B)	HPG3	
1944	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH,	firmware-hdd- 9e87eecb3f-HPG3- 2.1.x86_64.rpm	VK000960GWSXH	HPG3 (B)	HPG3	

	VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives					
1945	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	firmware-hdd- 9e87eecb3f-HPG3- 2.1.x86_64.rpm	VK001920GWSXK	HPG3 (B)	HPG3	
1946	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	firmware-hdd- 9e87eecb3f-HPG3- 2.1.x86_64.rpm	MK000480GWUG F	HPG3 (B)	HPG3	
1947	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	firmware-hdd- 9e87eecb3f-HPG3- 2.1.x86_64.rpm	MK000960GWUG H	HPG3 (B)	HPG3	
1948	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	firmware-hdd- 9e87eecb3f-HPG3- 2.1.x86_64.rpm	MK001920GWUG K	HPG3 (B)	HPG3	
1949	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd- 492a9952f6-HPG3- 2.1.x86_64.rpm	VK000480GWTHA	HPG3 (B)	HPG3	
1950	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd- 492a9952f6-HPG3- 2.1.x86_64.rpm	VK000960GWTHB	HPG3 (B)	HPG3	
1951	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd- 492a9952f6-HPG3- 2.1.x86_64.rpm	VK001920GWTHC	HPG3 (B)	HPG3	
1952	Online HDD/SSD Flash Component for Linux (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	firmware-hdd- 492a9952f6-HPG3- 2.1.x86_64.rpm	VK003840GWTHD	HPG3 (B)	HPG3	
1953	Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	firmware-hdd- befd42bd64-HPG2- 1.1.x86_64.rpm	VK000480GZCNE	HPG2	HPG2	更新

1954	Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	firmware-hdd-befd42bd64-HPG2-1.1.x86_64.rpm	VK000960GZCNF	HPG2	HPG2	更新
1955	Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	firmware-hdd-befd42bd64-HPG2-1.1.x86_64.rpm	VK001920GZCNH	HPG2	HPG2	更新
1956	Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	firmware-hdd-befd42bd64-HPG2-1.1.x86_64.rpm	VK003840GZCNK	HPG2	HPG2	更新
1957	Online HDD/SSD Flash Component for Linux (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	firmware-hdd-4b4177239b-HPG2-2.1.x86_64.rpm	VK000960GXCLD	HPG2 (B)	HPG2	
1958	Online HDD/SSD Flash Component for Linux (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	firmware-hdd-4b4177239b-HPG2-2.1.x86_64.rpm	VK001920GXCGP	HPG2 (B)	HPG2	
1959	Online HDD/SSD Flash Component for Linux (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	firmware-hdd-4b4177239b-HPG2-2.1.x86_64.rpm	VK003840GXCGQ	HPG2 (B)	HPG2	
1960	Online HDD/SSD Flash Component for Linux (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	firmware-hdd-4b4177239b-HPG2-2.1.x86_64.rpm	VK007680GXCGR	HPG2 (B)	HPG2	
1961	Online HDD/SSD Flash Component for Linux (x64) - VK003840GWSXL Drive	firmware-hdd-d1cf327bc4-HPG3-2.1.x86_64.rpm	VK003840GWSXL	HPG3 (B)	HPG3	
1962	Online HDD/SSD Flash Component for Linux (x64) - VK007680GWSXN Drive	firmware-hdd-b460823f70-HPG3-2.1.x86_64.rpm	VK007680GWSXN	HPG3 (B)	HPG3	
1963	Online HDD/SSD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	firmware-hdd-a2d4b5c742-HPG1-10.1.x86_64.rpm	VK0120GFDKE	HPG1 (J)	HPG1	
1964	Online HDD/SSD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	firmware-hdd-a2d4b5c742-HPG1-10.1.x86_64.rpm	VK0240GFDKF	HPG1 (J)	HPG1	
1965	Online HDD/SSD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF,	firmware-hdd-a2d4b5c742-HPG1-10.1.x86_64.rpm	VK0480GFDKH	HPG1 (J)	HPG1	

	VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives					
1966	Online HDD/SSD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	firmware-hdd- a2d4b5c742-HPG1- 10.1.x86_64.rpm	VK0960GFDKK	HPG1 (J)	HPG1	
1967	Online HDD/SSD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	firmware-hdd- a2d4b5c742-HPG1- 10.1.x86_64.rpm	VK1920GFDKL	HPG1 (J)	HPG1	
1968	Online HDD/SSD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	firmware-hdd- a2d4b5c742-HPG1- 10.1.x86_64.rpm	VK3840GFDKN	HPG1 (J)	HPG1	
1969	Online HDD/SSD Flash Component for Linux (x64) - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	firmware-hdd- 1a516522d1-HPG1- 9.1.x86_64.rpm	VK0240GEPQN	HPG1 (I)	HPG1	
1970	Online HDD/SSD Flash Component for Linux (x64) - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	firmware-hdd- 1a516522d1-HPG1- 9.1.x86_64.rpm	VK0480GEPQP	HPG1 (I)	HPG1	
1971	Online HDD/SSD Flash Component for Linux (x64) - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	firmware-hdd- 1a516522d1-HPG1- 9.1.x86_64.rpm	VK0960GEPQQ	HPG1 (I)	HPG1	
1972	Online HDD/SSD Flash Component for Linux (x64) - VR000150GWEPP and VR000480GWEPR Drives	firmware-hdd- b7eb905efe-HPG1- 7.1.x86_64.rpm	VR000150GWEPP	HPG1 (G)	HPG1	
1973	Online HDD/SSD Flash Component for Linux (x64) - VR000150GWEPP and VR000480GWEPR Drives	firmware-hdd- b7eb905efe-HPG1- 7.1.x86_64.rpm	VR000480GWEPR	HPG1 (G)	HPG1	
1974	Online HDD/SSD Flash Component for Linux (x64) - XP0120GFJSL and XP0240GFJSN Drives	firmware-hdd- d355375539-HPS4- 10.1.x86_64.rpm	XP0120GFJSL	HPS4 (J)	HPS4	
1975	Online HDD/SSD Flash Component for Linux (x64) - XP0120GFJSL and XP0240GFJSN Drives	firmware-hdd- d355375539-HPS4- 10.1.x86_64.rpm	XP0240GFJSN	HPS4 (J)	HPS4	
1976	Online HDD/SSD Flash Component for VMware ESXi - EK000200GWEPE, EK000400GWEPE, EK000800GWEPE and EK001600GWEPE Drives	CP048295.zip	EK000200GWEPE	HPG3 (G)	HPG3	
1977	Online HDD/SSD Flash Component for VMware ESXi - EK000200GWEPE, EK000400GWEPE, EK000800GWEPE and	CP048295.zip	EK000400GWEPE	HPG3 (G)	HPG3	

	EK001600GWEPH Drives					
1978	Online HDD/SSD Flash Component for VMware ESXi - EK000200GWEPD, EK000400GWEPE, EK000800GWEPF and EK001600GWEPH Drives	CP048295.zip	EK000800GWEPF	HPG3 (G)	HPG3	
1979	Online HDD/SSD Flash Component for VMware ESXi - EK000200GWEPD, EK000400GWEPE, EK000800GWEPF and EK001600GWEPH Drives	CP048295.zip	EK001600GWEPH	HPG3 (G)	HPG3	
1980	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWCBC and MB002000GWCBD Drives	CP048300.zip	MB001000GWCBC	HPG6 (F)	HPG6	
1981	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWCBC and MB002000GWCBD Drives	CP048300.zip	MB002000GWCBC	HPG6 (F)	HPG6	
1982	Online HDD/SSD Flash Component for VMware ESXi - MB001000GFWFK and MB002000GFWFL Drives	CP048302.zip	MB001000GFWFK	HPG6 (F)	HPG6	
1983	Online HDD/SSD Flash Component for VMware ESXi - MB001000GFWFK and MB002000GFWFL Drives	CP048302.zip	MB002000GFWFL	HPG6 (F)	HPG6	
1984	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWJAN, MB002000GFWFA and MB004000GFWFB Drives	CP048313.zip	MB001000GWJAN	HPG1 (F)	HPG1	
1985	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWJAN, MB002000GFWFA and MB004000GFWFB Drives	CP048313.zip	MB002000GFWFA	HPG1 (F)	HPG1	
1986	Online HDD/SSD Flash Component for VMware ESXi - MB001000GWJAN, MB002000GFWFA and MB004000GFWFB Drives	CP048313.zip	MB004000GFWFB	HPG1 (F)	HPG1	
1987	Online HDD/SSD Flash Component for VMware ESXi - MB002000GWFGH and MB001000GWFGF Drives	CP048317.zip	MB002000GWFGH	HPG3 (H)	HPG3	
1988	Online HDD/SSD Flash Component for VMware ESXi - MB002000GWFGH and MB001000GWFGF Drives	CP048317.zip	MB001000GWFGF	HPG3 (H)	HPG3	
1989	Online HDD/SSD Flash Component for VMware ESXi - MB004000GWKGV Drive	CP048319.zip	MB004000GWKGV	HPG1 (F)	HPG1	
1990	Online HDD/SSD Flash Component for VMware ESXi - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	CP048430.zip	MB004000GWWQH	HPG3 (C)	HPG3	
1991	Online HDD/SSD Flash Component for VMware ESXi - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	CP048430.zip	MB002000GWWQF	HPG3 (C)	HPG3	
1992	Online HDD/SSD Flash	CP048430.zip	MB001000GWW	HPG3 (C)	HPG3	

	Component for VMware ESXi - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives		QE			
1993	Online HDD/SSD Flash Component for VMware ESXi - MB006000GWBXQ and MB008000GWBXL Drives	CP048328.zip	MB006000GWBX Q	HPG8 (F)	HPG8	
1994	Online HDD/SSD Flash Component for VMware ESXi - MB006000GWBXQ and MB008000GWBXL Drives	CP048328.zip	MB008000GWBXL	HPG8 (F)	HPG8	
1995	Online HDD/SSD Flash Component for VMware ESXi - MB006000GWJRR and MB008000GWJRT Drives	CP048447.zip	MB006000GWJRR	HPG4 (D)	HPG4	
1996	Online HDD/SSD Flash Component for VMware ESXi - MB006000GWJRR and MB008000GWJRT Drives	CP048447.zip	MB008000GWJRT	HPG4 (D)	HPG4	
1997	Online HDD/SSD Flash Component for VMware ESXi - MB006000GWKGR Drive	CP048329.zip	MB006000GWKGR	HPG1 (F)	HPG1	
1998	Online HDD/SSD Flash Component for VMware ESXi - MB008000GWRTC Drive	CP048331.zip	MB008000GWRTC	HPG1 (F)	HPG1	
1999	Online HDD/SSD Flash Component for VMware ESXi - MB008000GWWQU and MB006000GWWQT Drives	CP048425.zip	MB008000GWW QU	HPG2 (D)	HPG2	
2000	Online HDD/SSD Flash Component for VMware ESXi - MB008000GWWQU and MB006000GWWQT Drives	CP048425.zip	MB006000GWW QT	HPG2 (D)	HPG2	
2001	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWAYN and MB008000GWAYL Drives	CP048333.zip	MB010000GWAY N	HPG5 (G)	HPG5	
2002	Online HDD/SSD Flash Component for VMware ESXi - MB010000GWAYN and MB008000GWAYL Drives	CP048333.zip	MB008000GWAYL	HPG5 (G)	HPG5	
2003	Online HDD/SSD Flash Component for VMware ESXi - MB012000GWDFE Drive	CP048335.zip	MB012000GWDF E	HPG3 (B)	HPG3	
2004	Online HDD/SSD Flash Component for VMware ESXi - MB012000GWTFE and MB014000GWTFE Drives	CP048336.zip	MB012000GWTFE	HPG7 (C)	HPG7	
2005	Online HDD/SSD Flash Component for VMware ESXi - MB012000GWTFE and MB014000GWTFE Drives	CP048336.zip	MB014000GWTFE	HPG7 (C)	HPG7	
2006	Online HDD/SSD Flash Component for VMware ESXi - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	CP048337.zip	MB014000GWR TN	HPG2 (F)	HPG2	
2007	Online HDD/SSD Flash Component for VMware ESXi - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	CP048337.zip	MB012000GWRTL	HPG2 (F)	HPG2	
2008	Online HDD/SSD Flash Component for VMware ESXi - MB014000GWRTN,	CP048337.zip	MB010000GWR TK	HPG2 (F)	HPG2	

	MB012000GWRTL and MB010000GWRTK Drives					
2009	Online HDD/SSD Flash Component for VMware ESXi - MB014000GWUDA Drive	CP048339.zip	MB014000GWUDA A	HPG2 (F)	HPG2	
2010	Online HDD/SSD Flash Component for VMware ESXi - MB016000GWXKK Drive	CP049128.zip	MB016000GWXKK K	HPG3 (B)	HPG3	
2011	Online HDD/SSD Flash Component for VMware ESXi - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	CP048342.zip	MB1000GDUNU	HPG4 (K)	HPG4	
2012	Online HDD/SSD Flash Component for VMware ESXi - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	CP048342.zip	MB2000GDUNV	HPG4 (K)	HPG4	
2013	Online HDD/SSD Flash Component for VMware ESXi - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	CP048342.zip	MB3000GDUPA	HPG4 (K)	HPG4	
2014	Online HDD/SSD Flash Component for VMware ESXi - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	CP048342.zip	MB4000GDUPB	HPG4 (K)	HPG4	
2015	Online HDD/SSD Flash Component for VMware ESXi - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	CP048343.zip	MB1000GVYZE	HPG4 (I)	HPG4	
2016	Online HDD/SSD Flash Component for VMware ESXi - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	CP048343.zip	MB2000GVYZF	HPG4 (I)	HPG4	
2017	Online HDD/SSD Flash Component for VMware ESXi - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	CP048343.zip	MB3000GVYZH	HPG4 (I)	HPG4	
2018	Online HDD/SSD Flash Component for VMware ESXi - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	CP048343.zip	MB4000GVYZK	HPG4 (I)	HPG4	
2019	Online HDD/SSD Flash Component for VMware ESXi - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	CP048345.zip	MB2000GCWLT	HPG4 (K)	HPG4	
2020	Online HDD/SSD Flash Component for VMware ESXi - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	CP048345.zip	MB3000GCWLU	HPG4 (K)	HPG4	

2021	Online HDD/SSD Flash Component for VMware ESXi - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	CP048345.zip	MB4000GCWLV	HPG4 (K)	HPG4	
2022	Online HDD/SSD Flash Component for VMware ESXi - MB2000GFEMH and MB4000GFEMK Drives	CP048346.zip	MB2000GFEMH	HPG6 (I)	HPG6	
2023	Online HDD/SSD Flash Component for VMware ESXi - MB2000GFEMH and MB4000GFEMK Drives	CP048346.zip	MB4000GFEMK	HPG6 (I)	HPG6	
2024	Online HDD/SSD Flash Component for VMware ESXi - MB4000GEFNA and MB6000GEFNB Drives	CP048365.zip	MB4000GEFNA	HPG6 (I)	HPG6	
2025	Online HDD/SSD Flash Component for VMware ESXi - MB4000GEFNA and MB6000GEFNB Drives	CP048365.zip	MB6000GEFNB	HPG6 (I)	HPG6	
2026	Online HDD/SSD Flash Component for VMware ESXi - MB4000GEQNH and MB6000GEQNK Drives	CP048366.zip	MB4000GEQNH	HPGB (I)	HPGB	
2027	Online HDD/SSD Flash Component for VMware ESXi - MB4000GEQNH and MB6000GEQNK Drives	CP048366.zip	MB6000GEQNK	HPGB (I)	HPGB	
2028	Online HDD/SSD Flash Component for VMware ESXi - MB6000GEBTP Drive	CP048370.zip	MB6000GEBTP	HPG4 (I)	HPG4	
2029	Online HDD/SSD Flash Component for VMware ESXi - MB6000GEQUT and MB8000GEQUU Drives	CP048371.zip	MB6000GEQUT	HPGB (I)	HPGB	
2030	Online HDD/SSD Flash Component for VMware ESXi - MB6000GEQUT and MB8000GEQUU Drives	CP048371.zip	MB8000GEQUU	HPGB (I)	HPGB	
2031	Online HDD/SSD Flash Component for VMware ESXi - MB6000GEXXV Drive	CP048403.zip	MB6000GEXXV	HPG2 (K)	HPG2	
2032	Online HDD/SSD Flash Component for VMware ESXi - MB6000GVYYU Drive	CP048372.zip	MB6000GVYYU	HPG2 (I)	HPG2	
2033	Online HDD/SSD Flash Component for VMware ESXi - MB6000GVYZB and MB4000GVYZA Drives	CP048377.zip	MB6000GVYZB	HPG4 (F)	HPG4	
2034	Online HDD/SSD Flash Component for VMware ESXi - MB6000GVYZB and MB4000GVYZA Drives	CP048377.zip	MB4000GVYZA	HPG4 (F)	HPG4	
2035	Online HDD/SSD Flash Component for VMware ESXi - MB8000GFECR Drive	CP048381.zip	MB8000GFECR	HPG6 (G)	HPG6	
2036	Online HDD/SSD Flash Component for VMware ESXi - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFA Drives	CP048390.zip	MK000240GWCEU	HPG3 (G)	HPG3	
2037	Online HDD/SSD Flash Component for VMware ESXi - MK000240GWCEU,	CP048390.zip	MK000480GWCEV	HPG3 (G)	HPG3	

	MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives					
2038	Online HDD/SSD Flash Component for VMware ESXi - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	CP048390.zip	MK000960GWCFA	HPG3 (G)	HPG3	
2039	Online HDD/SSD Flash Component for VMware ESXi - MK000240GWCEU, MK000480GWCEV, MK000960GWCFA and MK001920GWCFB Drives	CP048390.zip	MK001920GWCFB	HPG3 (G)	HPG3	
2040	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	CP048432.zip	MK000480GWSSC	HPG3 (C)	HPG3	
2041	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	CP048432.zip	MK000960GWSSD	HPG3 (C)	HPG3	
2042	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	CP048432.zip	MK001920GWSSE	HPG3 (C)	HPG3	
2043	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	CP048432.zip	MK003840GWSSF	HPG3 (C)	HPG3	
2044	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	CP049299.zip	MK000480GWXFF	HPG2	HPG2	
2045	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	CP049299.zip	MK000960GWXF H	HPG2	HPG2	
2046	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	CP049299.zip	MK001920GWXFK	HPG2	HPG2	
2047	Online HDD/SSD Flash Component for VMware ESXi - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	CP049299.zip	MK003840GWXFL	HPG2	HPG2	
2048	Online HDD/SSD Flash Component for VMware ESXi - MK003840GWHT E Drive	CP048383.zip	MK003840GWHT E	HPG8 (B)	HPG8	

2049	Online HDD/SSD Flash Component for VMware ESXi - MK0960GECQK Drive	CP048387.zip	MK0960GECQK	HPG3 (L)	HPG3	
2050	Online HDD/SSD Flash Component for VMware ESXi - MM1000GEFQV and MM2000GEFRA Drives	CP048388.zip	MM1000GEFQV	HPG8 (H)	HPG8	
2051	Online HDD/SSD Flash Component for VMware ESXi - MM1000GEFQV and MM2000GEFRA Drives	CP048388.zip	MM2000GEFRA	HPG8 (H)	HPG8	
2052	Online HDD/SSD Flash Component for VMware ESXi - MM1000GFJTE Drive	CP048389.zip	MM1000GFJTE	HPG5 (F)	HPG5	
2053	Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP048402.zip	MR000240GWFLU	HPGG (B)	HPGG	
2054	Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP048402.zip	MR000480GWFLV	HPGG (B)	HPGG	
2055	Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP048402.zip	VR000480GWFMD	HPGG (B)	HPGG	
2056	Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP048402.zip	MR000960GWFMA	HPGG (B)	HPGG	
2057	Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP048402.zip	VR000960GWFME	HPGG (B)	HPGG	
2058	Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME,	CP048402.zip	MR001920GWFMB	HPGG (B)	HPGG	

	MR001920GWFMB and VR001920GWFMC Drives					
2059	Online HDD/SSD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	CP048402.zip	VR001920GWFMC	HPGG (B)	HPGG	
2060	Online HDD/SSD Flash Component for VMware ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	CP048405.zip	VK000150GWCNN	HPG1 (F)	HPG1	
2061	Online HDD/SSD Flash Component for VMware ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	CP048405.zip	VK000240GWCNP	HPG1 (F)	HPG1	
2062	Online HDD/SSD Flash Component for VMware ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	CP048405.zip	VK000480GWCNQ	HPG1 (F)	HPG1	
2063	Online HDD/SSD Flash Component for VMware ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	CP048405.zip	VK000960GWCNR	HPG1 (F)	HPG1	
2064	Online HDD/SSD Flash Component for VMware ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	CP048405.zip	VK001600GWCNT	HPG1 (F)	HPG1	
2065	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives.	CP048407.zip	VK000240GWCFD	HPG3 (G)	HPG3	
2066	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives.	CP048407.zip	VK000480GWCFE	HPG3 (G)	HPG3	
2067	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and	CP048407.zip	VK000960GWCFE	HPG3 (G)	HPG3	

	VK003840GWCFK Drives.					
2068	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives.	CP048407.zip	VK001920GWCFH	HPG3 (G)	HPG3	
2069	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives.	CP048407.zip	VK003840GWCFK	HPG3 (G)	HPG3	
2070	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP048406.zip	VK000240GWEZB	HPGG (B)	HPGG	
2071	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP048406.zip	VK000480GWEZC	HPGG (B)	HPGG	
2072	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP048406.zip	VK000960GWEZD	HPGG (B)	HPGG	
2073	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP048406.zip	VK001920GWEZE	HPGG (B)	HPGG	
2074	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP048406.zip	MK000240GWEZF	HPGG (B)	HPGG	
2075	Online HDD/SSD Flash	CP048406.zip	MK000480GWEZ	HPGG (B)	HPGG	

	Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives		H			
2076	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP048406.zip	MK000960GWEZK	HPGG (B)	HPGG	
2077	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	CP048406.zip	MK001920GWHR U	HPGG (B)	HPGG	
2078	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	CP048444.zip	MK000240GWKV K	HPG5 (F)	HPG5	
2079	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	CP048444.zip	MK000480GWJPN	HPG5 (F)	HPG5	
2080	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	CP048444.zip	MK000960GWJPP	HPG5 (F)	HPG5	
2081	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE,	CP048444.zip	MK001920GWJPPQ	HPG5 (F)	HPG5	

	VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives					
2082	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP048444.zip	VK000240GWJPD	HPG5 (F)	HPG5	
2083	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP048444.zip	VK000480GWJPE	HPG5 (F)	HPG5	
2084	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP048444.zip	VK000960GWJPF	HPG5 (F)	HPG5	
2085	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP048444.zip	VK001920GWJPH	HPG5 (F)	HPG5	
2086	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	CP048444.zip	VK003840GWJPK	HPG5 (F)	HPG5	
2087	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWSRQ, VK000480GWSRR,	CP048434.zip	VK000240GWSRQ	HPG4 (C)	HPG4	

	VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives					
2088	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives	CP048434.zip	VK000480GWSRR	HPG4 (C)	HPG4	
2089	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives	CP048434.zip	VK000960GWSRT	HPG4 (C)	HPG4	
2090	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives	CP048434.zip	VK001920GWSRU	HPG4 (C)	HPG4	
2091	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives	CP048434.zip	VK003840GWSRV	HPG4 (C)	HPG4	
2092	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTN Drives	CP048408.zip	VK000240GWTSV	HPG6 (C)	HPG6	
2093	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTN Drives	CP048408.zip	VK000480GWTTA	HPG6 (C)	HPG6	
2094	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTT and MK003840GWTTN Drives	CP048408.zip	VK000960GWTTB	HPG6 (C)	HPG6	
2095	Online HDD/SSD Flash Component for VMware ESXi	CP048408.zip	VK001920GWTTT	HPG6 (C)	HPG6	

	- VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GW TTH, MK000960GW TTK, MK001920GW TTL and MK003840GW TTN Drives					
2096	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GW TTH, MK000960GW TTK, MK001920GW TTL and MK003840GW TTN Drives	CP048408.zip	VK003840GWTTD	HPG6 (C)	HPG6	
2097	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GW TTH, MK000960GW TTK, MK001920GW TTL and MK003840GW TTN Drives	CP048408.zip	MK000480GWTT H	HPG6 (C)	HPG6	
2098	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GW TTH, MK000960GW TTK, MK001920GW TTL and MK003840GW TTN Drives	CP048408.zip	MK000960GWTTK	HPG6 (C)	HPG6	
2099	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GW TTH, MK000960GW TTK, MK001920GW TTL and MK003840GW TTN Drives	CP048408.zip	MK001920GW TTL	HPG6 (C)	HPG6	
2100	Online HDD/SSD Flash Component for VMware ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GW TTH, MK000960GW TTK, MK001920GW TTL and MK003840GW TTN Drives	CP048408.zip	MK003840GWTT N	HPG6 (C)	HPG6	
2101	Online HDD/SSD Flash Component for VMware ESXi	CP049160.zip	VK000240GXAW E	HPG1 (B)	HPG1	

	- VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives					
2102	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP049160.zip	VK000480GXAWK	HPG1 (B)	HPG1	
2103	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP049160.zip	VK000960GXAWL	HPG1 (B)	HPG1	
2104	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP049160.zip	VK001920GXAWN	HPG1 (B)	HPG1	
2105	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL,	CP049160.zip	VK003840GXAWP	HPG1 (B)	HPG1	

	MR000480GXBGH and MR000960GXBGK Drives					
2106	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWQ, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP049160.zip	VK007680GXAWQ	HPG1 (B)	HPG1	
2107	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWQ, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP049160.zip	MK000480GXAWF	HPG1 (B)	HPG1	
2108	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWQ, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP049160.zip	MK000960GXAXB	HPG1 (B)	HPG1	
2109	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWQ, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP049160.zip	MK001920GXAWR	HPG1 (B)	HPG1	
2110	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWQ, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ,	CP049160.zip	MK003840GXAWT	HPG1 (B)	HPG1	

	MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives					
2111	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWF, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP049160.zip	VR000240GXBBL	HPG1 (B)	HPG1	
2112	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWF, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP049160.zip	MR000480GXBGH	HPG1 (B)	HPG1	
2113	Online HDD/SSD Flash Component for VMware ESXi - VK000240GXAWF, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB,MK001920 GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	CP049160.zip	MR000960GXBGK	HPG1 (B)	HPG1	
2114	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	CP048409.zip	VK000480GWSXF	HPG3 (B)	HPG3	
2115	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	CP048409.zip	VK000960GWSXH	HPG3 (B)	HPG3	
2116	Online HDD/SSD Flash Component for VMware ESXi	CP048409.zip	VK001920GWSXK	HPG3 (B)	HPG3	

	- VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives					
2117	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	CP048409.zip	MK000480GWUG F	HPG3 (B)	HPG3	
2118	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	CP048409.zip	MK000960GWUG H	HPG3 (B)	HPG3	
2119	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	CP048409.zip	MK001920GWUG K	HPG3 (B)	HPG3	
2120	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	CP049275.zip	VK000480GWTHA	HPG3 (B)	HPG3	
2121	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	CP049275.zip	VK000960GWTHB	HPG3 (B)	HPG3	
2122	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	CP049275.zip	VK001920GWTHC	HPG3 (B)	HPG3	
2123	Online HDD/SSD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	CP049275.zip	VK003840GWTHD	HPG3 (B)	HPG3	
2124	Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	CP050579.zip	VK000480GZCNE	HPG2	HPG2	更新
2125	Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	CP050579.zip	VK000960GZCNF	HPG2	HPG2	更新

2126	Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	CP050579.zip	VK001920GZCNH	HPG2	HPG2	更新
2127	Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	CP050579.zip	VK003840GZCNK	HPG2	HPG2	更新
2128	Online HDD/SSD Flash Component for VMware ESXi - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	CP049272.zip	VK000960GXCLD	HPG2 (B)	HPG2	
2129	Online HDD/SSD Flash Component for VMware ESXi - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	CP049272.zip	VK001920GXCGP	HPG2 (B)	HPG2	
2130	Online HDD/SSD Flash Component for VMware ESXi - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	CP049272.zip	VK003840GXCGQ	HPG2 (B)	HPG2	
2131	Online HDD/SSD Flash Component for VMware ESXi - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	CP049272.zip	VK007680GXCGR	HPG2 (B)	HPG2	
2132	Online HDD/SSD Flash Component for VMware ESXi - VK003840GWSXL Drive	CP048410.zip	VK003840GWSXL	HPG3 (B)	HPG3	
2133	Online HDD/SSD Flash Component for VMware ESXi - VK007680GWSXN Drive	CP048411.zip	VK007680GWSXN	HPG3 (B)	HPG3	
2134	Online HDD/SSD Flash Component for VMware ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP048412.zip	VK0120GFDKE	HPG1 (J)	HPG1	
2135	Online HDD/SSD Flash Component for VMware ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP048412.zip	VK0240GFDKF	HPG1 (J)	HPG1	
2136	Online HDD/SSD Flash Component for VMware ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP048412.zip	VK0480GFDKH	HPG1 (J)	HPG1	

2137	Online HDD/SSD Flash Component for VMware ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP048412.zip	VK0960GFDKK	HPG1 (J)	HPG1	
2138	Online HDD/SSD Flash Component for VMware ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP048412.zip	VK1920GFDKL	HPG1 (J)	HPG1	
2139	Online HDD/SSD Flash Component for VMware ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives	CP048412.zip	VK3840GFDKN	HPG1 (J)	HPG1	
2140	Online HDD/SSD Flash Component for VMware ESXi - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	CP048413.zip	VK0240GEPQN	HPG1 (J)	HPG1	
2141	Online HDD/SSD Flash Component for VMware ESXi - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	CP048413.zip	VK0480GEPQP	HPG1 (J)	HPG1	
2142	Online HDD/SSD Flash Component for VMware ESXi - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	CP048413.zip	VK0960GEPQQ	HPG1 (J)	HPG1	
2143	Online HDD/SSD Flash Component for VMware ESXi - VR000150GWEPP and VR000480GWEPR Drives	CP048424.zip	VR000150GWEPP	HPG1 (G)	HPG1	
2144	Online HDD/SSD Flash Component for VMware ESXi - VR000150GWEPP and VR000480GWEPR Drives	CP048424.zip	VR000480GWEPR	HPG1 (G)	HPG1	
2145	Online HDD/SSD Flash Component for VMware ESXi - XP0120GFJSL and XP0240GFJSN Drives	CP048423.zip	XP0120GFJSL	HPS4 (J)	HPS4	
2146	Online HDD/SSD Flash Component for VMware ESXi - XP0120GFJSL and XP0240GFJSN Drives	CP048423.zip	XP0240GFJSN	HPS4 (J)	HPS4	
2147	Online HDD/SSD Flash Component for Windows (x64) - EK000200GWEPPD, EK000400GWEPE, EK000800GWEPE and EK001600GWEPE Drives	cp048554.exe	EK000200GWEPPD	HPG3 (F)	HPG3	
2148	Online HDD/SSD Flash Component for Windows (x64) - EK000200GWEPPD, EK000400GWEPE, EK000800GWEPE and EK001600GWEPE Drives	cp048554.exe	EK000400GWEPE	HPG3 (F)	HPG3	

	EK001600GWEPH Drives					
2149	Online HDD/SSD Flash Component for Windows (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPF and EK001600GWEPH Drives	cp048554.exe	EK000800GWEPF	HPG3 (F)	HPG3	
2150	Online HDD/SSD Flash Component for Windows (x64) - EK000200GWEPD, EK000400GWEPE, EK000800GWEPF and EK001600GWEPH Drives	cp048554.exe	EK001600GWEPH	HPG3 (F)	HPG3	
2151	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWCBC and MB002000GWCBD Drives	cp048556.exe	MB001000GWCBC C	HPG6 (E)	HPG6	
2152	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWCBC and MB002000GWCBD Drives	cp048556.exe	MB002000GWCBC D	HPG6 (E)	HPG6	
2153	Online HDD/SSD Flash Component for Windows (x64) - MB001000GFWK and MB002000GFWL Drives	cp048557.exe	MB001000GFWK K	HPG6 (E)	HPG6	
2154	Online HDD/SSD Flash Component for Windows (x64) - MB001000GFWK and MB002000GFWL Drives	cp048557.exe	MB002000GFWK L	HPG6 (E)	HPG6	
2155	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GFWA and MB004000GFWB Drives	cp048558.exe	MB001000GWJAN	HPG1 (E)	HPG1	
2156	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GFWA and MB004000GFWB Drives	cp048558.exe	MB002000GFWA A	HPG1 (E)	HPG1	
2157	Online HDD/SSD Flash Component for Windows (x64) - MB001000GWJAN, MB002000GFWA and MB004000GFWB Drives	cp048558.exe	MB004000GFWB B	HPG1 (E)	HPG1	
2158	Online HDD/SSD Flash Component for Windows (x64) - MB002000GWFGH and MB001000GWFGF Drives	cp048559.exe	MB001000GWFG F	HPG3 (G)	HPG3	
2159	Online HDD/SSD Flash Component for Windows (x64) - MB002000GWFGH and MB001000GWFGF Drives	cp048559.exe	MB002000GWFG H	HPG3 (G)	HPG3	
2160	Online HDD/SSD Flash Component for Windows (x64) - MB004000GWKGV Drive	cp048561.exe	MB004000GWKGV V	HPG1 (E)	HPG1	
2161	Online HDD/SSD Flash Component for Windows (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	cp048652.exe	MB004000GWWQH QH	HPG3 (C)	HPG3	
2162	Online HDD/SSD Flash Component for Windows (x64) - MB004000GWWQH,	cp048652.exe	MB002000GWWQF QF	HPG3 (C)	HPG3	

	MB002000GWWQF and MB001000GWWQE Drives					
2163	Online HDD/SSD Flash Component for Windows (x64) - MB004000GWWQH, MB002000GWWQF and MB001000GWWQE Drives	cp048652.exe	MB001000GWWQE	HPG3 (C)	HPG3	
2164	Online HDD/SSD Flash Component for Windows (x64) - MB006000GWBXQ and MB008000GWBXL Drives	cp048667.exe	MB006000GWBXQ	HPG8 (E)	HPG8	
2165	Online HDD/SSD Flash Component for Windows (x64) - MB006000GWBXQ and MB008000GWBXL Drives	cp048667.exe	MB008000GWBXL	HPG8 (E)	HPG8	
2166	Online HDD/SSD Flash Component for Windows (x64) - MB006000GWJRR and MB008000GWJRT Drives	cp048470.exe	MB006000GWJRR	HPG4 (D)	HPG4	
2167	Online HDD/SSD Flash Component for Windows (x64) - MB006000GWJRR and MB008000GWJRT Drives	cp048470.exe	MB008000GWJRT	HPG4 (D)	HPG4	
2168	Online HDD/SSD Flash Component for Windows (x64) - MB006000GWKGR Drive	cp048674.exe	MB006000GWKGR	HPG1 (E)	HPG1	
2169	Online HDD/SSD Flash Component for Windows (x64) - MB008000GWRTC Drive	cp048669.exe	MB008000GWRTC	HPG1 (E)	HPG1	
2170	Online HDD/SSD Flash Component for Windows (x64) - MB008000GWWQU and MB006000GWWQT Drives	cp048648.exe	MB008000GWWQU	HPG2 (D)	HPG2	
2171	Online HDD/SSD Flash Component for Windows (x64) - MB008000GWWQU and MB006000GWWQT Drives	cp048648.exe	MB006000GWWQT	HPG2 (D)	HPG2	
2172	Online HDD/SSD Flash Component for Windows (x64) - MB010000GWAYN and MB008000GWAYL Drives	cp048671.exe	MB010000GWAYN	HPG5 (F)	HPG5	
2173	Online HDD/SSD Flash Component for Windows (x64) - MB010000GWAYN and MB008000GWAYL Drives	cp048671.exe	MB008000GWAYL	HPG5 (F)	HPG5	
2174	Online HDD/SSD Flash Component for Windows (x64) - MB012000GWDFF Drive	cp048673.exe	MB012000GWDFF	HPG3 (B)	HPG3	
2175	Online HDD/SSD Flash Component for Windows (x64) - MB012000GWTFF and MB014000GWTFF Drives	cp048543.exe	MB012000GWTFF	HPG7 (C)	HPG7	
2176	Online HDD/SSD Flash Component for Windows (x64) - MB012000GWTFF and MB014000GWTFF Drives	cp048543.exe	MB014000GWTFF	HPG7 (C)	HPG7	
2177	Online HDD/SSD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTR Drives	cp048544.exe	MB014000GWRTN	HPG2 (E)	HPG2	

2178	Online HDD/SSD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	cp048544.exe	MB012000GWRTL	HPG2 (E)	HPG2	
2179	Online HDD/SSD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives	cp048544.exe	MB010000GWRTK	HPG2 (E)	HPG2	
2180	Online HDD/SSD Flash Component for Windows (x64) - MB014000GWUDA Drive	cp048545.exe	MB014000GWUDA	HPG3 (E)	HPG3	
2181	Online HDD/SSD Flash Component for Windows (x64) - MB016000GWXKK Drive	cp049127.exe	MB016000GWXKK	HPG3 (B)	HPG3	
2182	Online HDD/SSD Flash Component for Windows (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	cp048564.exe	MB1000GDUNU	HPG4 (I)	HPG4	
2183	Online HDD/SSD Flash Component for Windows (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	cp048564.exe	MB2000GDUNV	HPG4 (I)	HPG4	
2184	Online HDD/SSD Flash Component for Windows (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	cp048564.exe	MB3000GDUPA	HPG4 (I)	HPG4	
2185	Online HDD/SSD Flash Component for Windows (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA and MB4000GDUPB Drives	cp048564.exe	MB4000GDUPB	HPG4 (I)	HPG4	
2186	Online HDD/SSD Flash Component for Windows (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	cp048568.exe	MB1000GVYZE	HPG4 (I)	HPG4	
2187	Online HDD/SSD Flash Component for Windows (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	cp048568.exe	MB2000GVYZF	HPG4 (I)	HPG4	
2188	Online HDD/SSD Flash Component for Windows (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	cp048568.exe	MB3000GVYZH	HPG4 (I)	HPG4	
2189	Online HDD/SSD Flash Component for Windows (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH and MB4000GVYZK Drives	cp048568.exe	MB4000GVYZK	HPG4 (I)	HPG4	

2190	Online HDD/SSD Flash Component for Windows (x64) - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	cp048574.exe	MB2000GCWLT	HPG4 (I)	HPG4	
2191	Online HDD/SSD Flash Component for Windows (x64) - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	cp048574.exe	MB3000GCWLU	HPG4 (I)	HPG4	
2192	Online HDD/SSD Flash Component for Windows (x64) - MB2000GCWLT, MB3000GCWLU and MB4000GCWLV Drives	cp048574.exe	MB4000GCWLV	HPG4 (I)	HPG4	
2193	Online HDD/SSD Flash Component for Windows (x64) - MB2000GFEMH and MB4000GFEMK Drives	cp048588.exe	MB2000GFEMH	HPG6 (H)	HPG6	
2194	Online HDD/SSD Flash Component for Windows (x64) - MB2000GFEMH and MB4000GFEMK Drives	cp048588.exe	MB4000GFEMK	HPG6 (H)	HPG6	
2195	Online HDD/SSD Flash Component for Windows (x64) - MB4000GEFNA and MB6000GEFNB Drives	cp048592.exe	MB4000GEFNA	HPG6 (I)	HPG6	
2196	Online HDD/SSD Flash Component for Windows (x64) - MB4000GEFNA and MB6000GEFNB Drives	cp048592.exe	MB6000GEFNB	HPG6 (I)	HPG6	
2197	Online HDD/SSD Flash Component for Windows (x64) - MB4000GEQNH and MB6000GEQNK Drives	cp048593.exe	MB4000GEQNH	HPGB (H)	HPGB	
2198	Online HDD/SSD Flash Component for Windows (x64) - MB4000GEQNH and MB6000GEQNK Drives	cp048593.exe	MB6000GEQNK	HPGB (H)	HPGB	
2199	Online HDD/SSD Flash Component for Windows (x64) - MB6000GEBTP Drive	cp048610.exe	MB6000GEBTP	HPG4 (H)	HPG4	
2200	Online HDD/SSD Flash Component for Windows (x64) - MB6000GEQUT and MB8000GEQUU Drives	cp048611.exe	MB6000GEQUT	HPGB (H)	HPGB	
2201	Online HDD/SSD Flash Component for Windows (x64) - MB6000GEQUT and MB8000GEQUU Drives	cp048611.exe	MB8000GEQUU	HPGB (H)	HPGB	
2202	Online HDD/SSD Flash Component for Windows (x64) - MB6000GEXXV Drive	cp048633.exe	MB6000GEXXV	HPG2 (I)	HPG2	
2203	Online HDD/SSD Flash Component for Windows (x64) - MB6000GVYYU Drive	cp048612.exe	MB6000GVYYU	HPG2 (H)	HPG2	
2204	Online HDD/SSD Flash Component for Windows (x64) - MB6000GVYZB and MB4000GVYZA Drives	cp048613.exe	MB6000GVYZB	HPG4 (E)	HPG4	
2205	Online HDD/SSD Flash Component for Windows (x64) - MB6000GVYZB and MB4000GVYZA Drives	cp048613.exe	MB4000GVYZA	HPG4 (E)	HPG4	
2206	Online HDD/SSD Flash Component for Windows	cp048618.exe	MB8000GFECR	HPG6 (E)	HPG6	

	(x64) - MB8000GFECR Drive					
2207	Online HDD/SSD Flash Component for Windows (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCF A and MK001920GWCFB Drives	cp048624.exe	MK000480GWCE V	HPG3 (F)	HPG3	
2208	Online HDD/SSD Flash Component for Windows (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCF A and MK001920GWCFB Drives	cp048624.exe	MK000960GWCF A	HPG3 (F)	HPG3	
2209	Online HDD/SSD Flash Component for Windows (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCF A and MK001920GWCFB Drives	cp048624.exe	MK001920GWCF B	HPG3 (F)	HPG3	
2210	Online HDD/SSD Flash Component for Windows (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCF A and MK001920GWCFB Drives	cp048624.exe	MK000240GWCE U	HPG3 (F)	HPG3	
2211	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	cp048654.exe	MK000480GWSSC	HPG3 (C)	HPG3	
2212	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	cp048654.exe	MK000960GWSSD	HPG3 (C)	HPG3	
2213	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	cp048654.exe	MK001920GWSSE	HPG3 (C)	HPG3	
2214	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWSSC, MK000960GWSSD, MK001920GWSSE and MK003840GWSSF Drives	cp048654.exe	MK003840GWSSF	HPG3 (C)	HPG3	
2215	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	cp049300.exe	MK000480GWXFF	HPG2	HPG2	
2216	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	cp049300.exe	MK000960GWXF H	HPG2	HPG2	
2217	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and	cp049300.exe	MK001920GWXFK	HPG2	HPG2	

	MK003840GWXFL Drives					
2218	Online HDD/SSD Flash Component for Windows (x64) - MK000480GWXFF, MK000960GWXFH, MK001920GWXFK and MK003840GWXFL Drives	cp049300.exe	MK003840GWXFL	HPG2	HPG2	
2219	Online HDD/SSD Flash Component for Windows (x64) - MK003840GWHT Drive	cp048620.exe	MK003840GWHT E	HPG8 (B)	HPG8	
2220	Online HDD/SSD Flash Component for Windows (x64) - MK0960GECQK Drive	cp048621.exe	MK0960GECQK	HPG3 (K)	HPG3	
2221	Online HDD/SSD Flash Component for Windows (x64) - MM1000GEFQV and MM2000GEFRA Drives	cp048622.exe	MM1000GEFQV	HPG8 (G)	HPG8	
2222	Online HDD/SSD Flash Component for Windows (x64) - MM1000GEFQV and MM2000GEFRA Drives	cp048622.exe	MM2000GEFRA	HPG8 (G)	HPG8	
2223	Online HDD/SSD Flash Component for Windows (x64) - MM1000GFJTE Drive	cp048623.exe	MM1000GFJTE	HPG5 (E)	HPG5	
2224	Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp048632.exe	MR000240GWFLU	HPGG (B)	HPGG	
2225	Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp048632.exe	MR000480GWFLV	HPGG (B)	HPGG	
2226	Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp048632.exe	VR000480GWFMD	HPGG (B)	HPGG	
2227	Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp048632.exe	MR000960GWFMA	HPGG (B)	HPGG	
2228	Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD,	cp048632.exe	VR000960GWFME	HPGG (B)	HPGG	

	MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives					
2229	Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp048632.exe	MR001920GWFM B	HPGG (B)	HPGG	
2230	Online HDD/SSD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives	cp048632.exe	VR001920GWFM C	HPGG (B)	HPGG	
2231	Online HDD/SSD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	cp048635.exe	VK000150GWCNN	HPG1 (E)	HPG1	
2232	Online HDD/SSD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	cp048635.exe	VK000240GWCNP	HPG1 (E)	HPG1	
2233	Online HDD/SSD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	cp048635.exe	VK000480GWCN Q	HPG1 (E)	HPG1	
2234	Online HDD/SSD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	cp048635.exe	VK000960GWCNR	HPG1 (E)	HPG1	
2235	Online HDD/SSD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives	cp048635.exe	VK001600GWCNT	HPG1 (E)	HPG1	
2236	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	cp048637.exe	VK000480GWCFE	HPG3 (F)	HPG3	
2237	Online HDD/SSD Flash Component for Windows	cp048637.exe	VK000960GWCFE	HPG3 (F)	HPG3	

	(x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives					
2238	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	cp048637.exe	VK000240GWCFD	HPG3 (F)	HPG3	
2239	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	cp048637.exe	VK001920GWCFH	HPG3 (F)	HPG3	
2240	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives	cp048637.exe	VK003840GWCFK	HPG3 (F)	HPG3	
2241	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp048636.exe	VK000240GWEZB	HPGG (B)	HPGG	
2242	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp048636.exe	VK000480GWEZC	HPGG (B)	HPGG	
2243	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp048636.exe	VK000960GWEZD	HPGG (B)	HPGG	
2244	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp048636.exe	VK001920GWEZE	HPGG (B)	HPGG	

2245	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp048636.exe	MK000240GWEZF	HPGG (B)	HPGG	
2246	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp048636.exe	MK000480GWEZH	HPGG (B)	HPGG	
2247	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp048636.exe	MK000960GWEZK	HPGG (B)	HPGG	
2248	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives	cp048636.exe	MK001920GWHRU	HPGG (B)	HPGG	
2249	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp048664.exe	MK000240GWKVK	HPG5 (E)	HPG5	
2250	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives	cp048664.exe	MK000480GWJPN	HPG5 (E)	HPG5	
2251	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE,	cp048664.exe	MK000960GWJPP	HPG5 (E)	HPG5	

	VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives					
2252	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	cp048664.exe	MK001920GWJPPQ	HPG5 (E)	HPG5	
2253	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	cp048664.exe	VK000240GWJPD	HPG5 (E)	HPG5	
2254	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	cp048664.exe	VK000480GWJPE	HPG5 (E)	HPG5	
2255	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	cp048664.exe	VK000960GWJPF	HPG5 (E)	HPG5	
2256	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives	cp048664.exe	VK001920GWJPH	HPG5 (E)	HPG5	
2257	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE,	cp048664.exe	VK003840GWJPK	HPG5 (E)	HPG5	

	VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPQ Drives					
2258	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	cp048657.exe	VK000240GWSRQ	HPG4 (C)	HPG4	
2259	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	cp048657.exe	VK000480GWSRR	HPG4 (C)	HPG4	
2260	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	cp048657.exe	VK000960GWSRT	HPG4 (C)	HPG4	
2261	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	cp048657.exe	VK001920GWSRU	HPG4 (C)	HPG4	
2262	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives	cp048657.exe	VK003840GWSRV	HPG4 (C)	HPG4	
2263	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GW TTH, MK000960GW TTK, MK001920GW TTL and MK003840GW TTN Drives	cp048241.exe	VK000240GWTSV	HPG6 (C)	HPG6	
2264	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GW TTH, MK000960GW TTK, MK001920GW TTL and MK003840GW TTN Drives	cp048241.exe	VK000480GWTTA	HPG6 (C)	HPG6	
2265	Online HDD/SSD Flash Component for Windows	cp048241.exe	VK000960GWTTB	HPG6 (C)	HPG6	

	(x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GW TTH, MK000960GW TTK, MK001920GW TTL and MK003840GW TTN Drives					
2266	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GW TTH, MK000960GW TTK, MK001920GW TTL and MK003840GW TTN Drives	cp048241.exe	VK001920GW TTC	HPG6 (C)	HPG6	
2267	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GW TTH, MK000960GW TTK, MK001920GW TTL and MK003840GW TTN Drives	cp048241.exe	VK003840GW TTD	HPG6 (C)	HPG6	
2268	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GW TTH, MK000960GW TTK, MK001920GW TTL and MK003840GW TTN Drives	cp048241.exe	MK000480GW TT H	HPG6 (C)	HPG6	
2269	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GW TTH, MK000960GW TTK, MK001920GW TTL and MK003840GW TTN Drives	cp048241.exe	MK000960GW TTK	HPG6 (C)	HPG6	
2270	Online HDD/SSD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GW TTC, VK003840GWTTD, MK000480GW TTH, MK000960GW TTK, MK001920GW TTL and MK003840GW TTN Drives	cp048241.exe	MK001920GW TTL	HPG6 (C)	HPG6	
2271	Online HDD/SSD Flash Component for Windows	cp048241.exe	MK003840GW TT N	HPG6 (C)	HPG6	

	(x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives					
2272	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp049159.exe	VK000240GXAWE	HPG1 (B)	HPG1	
2273	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp049159.exe	VK000480GXAWK	HPG1 (B)	HPG1	
2274	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp049159.exe	VK000960GXAWL	HPG1 (B)	HPG1	
2275	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT,	cp049159.exe	VK001920GXAWN	HPG1 (B)	HPG1	

	VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives					
2276	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWA, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp049159.exe	VK003840GXAWP	HPG1 (B)	HPG1	
2277	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWA, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp049159.exe	VK007680GXAWQ	HPG1 (B)	HPG1	
2278	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWA, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp049159.exe	MK000480GXAWF	HPG1 (B)	HPG1	
2279	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWA, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp049159.exe	MK000960GXAXB	HPG1 (B)	HPG1	
2280	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWA,	cp049159.exe	MK001920GXAW R	HPG1 (B)	HPG1	

	VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives					
2281	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp049159.exe	MK003840GXAW T	HPG1 (B)	HPG1	
2282	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp049159.exe	VR000240GXBBL	HPG1 (B)	HPG1	
2283	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF, MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives	cp049159.exe	MR000480GXBGH	HPG1 (B)	HPG1	
2284	Online HDD/SSD Flash Component for Windows (x64) - VK000240GXAWE, VK000480GXAWK, VK000960GXAWL, VK001920GXAWN, VK003840GXAWP, VK007680GXAWQ, MK000480GXAWF,	cp049159.exe	MR000960GXBGK	HPG1 (B)	HPG1	

	MK000960GXAXB, MK001920GXAWR, MK003840GXAWT, VR000240GXBBL, MR000480GXBGH and MR000960GXBGK Drives					
2285	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	cp048638.exe	VK000480GWSXF	HPG3 (B)	HPG3	
2286	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	cp048638.exe	VK000960GWSXH	HPG3 (B)	HPG3	
2287	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	cp048638.exe	VK001920GWSXK	HPG3 (B)	HPG3	
2288	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	cp048638.exe	MK000480GWUG F	HPG3 (B)	HPG3	
2289	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	cp048638.exe	MK000960GWUG H	HPG3 (B)	HPG3	
2290	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH and MK001920GWUGK Drives	cp048638.exe	MK001920GWUG K	HPG3 (B)	HPG3	
2291	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp049277.exe	VK000480GWTHA	HPG3 (B)	HPG3	
2292	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp049277.exe	VK000960GWTHB	HPG3 (B)	HPG3	

2293	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp049277.exe	VK001920GWTHC	HPG3 (B)	HPG3	
2294	Online HDD/SSD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives	cp049277.exe	VK003840GWTHD	HPG3 (B)	HPG3	
2295	Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	cp050580.exe	VK000480GZCNE	HPG2	HPG2	更新
2296	Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	cp050580.exe	VK000960GZCNF	HPG2	HPG2	更新
2297	Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	cp050580.exe	VK001920GZCNH	HPG2	HPG2	更新
2298	Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives	cp050580.exe	VK003840GZCNK	HPG2	HPG2	更新
2299	Online HDD/SSD Flash Component for Windows (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	cp049274.exe	VK000960GXCLD	HPG2 (B)	HPG2	
2300	Online HDD/SSD Flash Component for Windows (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	cp049274.exe	VK001920GXCGP	HPG2 (B)	HPG2	
2301	Online HDD/SSD Flash Component for Windows (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	cp049274.exe	VK003840GXCGQ	HPG2 (B)	HPG2	
2302	Online HDD/SSD Flash Component for Windows (x64) - VK000960GXCLD, VK001920GXCGP, VK003840GXCGQ and VK007680GXCGR Drives	cp049274.exe	VK007680GXCGR	HPG2 (B)	HPG2	
2303	Online HDD/SSD Flash Component for Windows (x64) - VK003840GWSXL Drive	cp048639.exe	VK003840GWSXL	HPG3 (B)	HPG3	
2304	Online HDD/SSD Flash Component for Windows	cp048640.exe	VK007680GWSXN	HPG3 (B)	HPG3	

	(x64) - VK007680GWSXN Drive					
2305	Online HDD/SSD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	cp048641.exe	VK0120GFDKE	HPG1 (H)	HPG1	
2306	Online HDD/SSD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	cp048641.exe	VK0240GFDKF	HPG1 (H)	HPG1	
2307	Online HDD/SSD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	cp048641.exe	VK0480GFDKH	HPG1 (H)	HPG1	
2308	Online HDD/SSD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	cp048641.exe	VK0960GFDKK	HPG1 (H)	HPG1	
2309	Online HDD/SSD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	cp048641.exe	VK1920GFDKL	HPG1 (H)	HPG1	
2310	Online HDD/SSD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL and VK3840GFDKN Drives	cp048641.exe	VK3840GFDKN	HPG1 (H)	HPG1	
2311	Online HDD/SSD Flash Component for Windows (x64) - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	cp048642.exe	VK0240GEPQN	HPG1 (H)	HPG1	
2312	Online HDD/SSD Flash Component for Windows (x64) - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	cp048642.exe	VK0480GEPQP	HPG1 (H)	HPG1	
2313	Online HDD/SSD Flash Component for Windows (x64) - VK0240GEPQN, VK0480GEPQP and VK0960GEPQQ Drives	cp048642.exe	VK0960GEPQQ	HPG1 (H)	HPG1	
2314	Online HDD/SSD Flash Component for Windows (x64) - VR000150GWEPP and VR000480GWEPR Drives	cp048647.exe	VR000150GWEPP	HPG1 (F)	HPG1	
2315	Online HDD/SSD Flash Component for Windows (x64) - VR000150GWEPP and	cp048647.exe	VR000480GWEPR	HPG1 (F)	HPG1	

	VR000480GWEPR Drives					
2316	Online HDD/SSD Flash Component for Windows (x64) - XP0120GFJSL and XP0240GFJSN Drives	cp048646.exe	XP0120GFJSL	HPS4 (H)	HPS4	
2317	Online HDD/SSD Flash Component for Windows (x64) - XP0120GFJSL and XP0240GFJSN Drives	cp048646.exe	XP0240GFJSN	HPS4 (H)	HPS4	

6.2.17 Firmware - Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2318	Firmware Package - HPE SR932i-p Gen10 Plus /SR416i-a Gen10 Plus Controllers	HPE_SR416_SR932_Gen10P_03.01.09.056.fwpkg	Microchip SR416i-a Cntrl for HPE Gen10+	03.01.09.056	3.01.09.056	更新
2319	Firmware Package - HPE SR932i-p Gen10 Plus /SR416i-a Gen10 Plus Controllers	HPE_SR416_SR932_Gen10P_03.01.09.056.fwpkg	Microchip SR932i-p Cntrl for HPE Gen10+	03.01.09.056	3.01.09.056	更新
2320	HPE MR216i-a Gen10 Plus Tri Mode Controller	HPE_MR216i-a_Gen10P_52.16.3-3913.fwpkg	Broadcom MR216i-a Cntrl for HPE Gen10+	52.16.3-3913 (B)	52.16.3-3913	新規追加
2321	HPE MR216i-p Gen10 Plus Tri Mode Controller	HPE_MR216i-p_Gen10P_52.16.3-3913.fwpkg	Broadcom MR216i-p Cntrl for HPE Gen10+	52.16.3-3913 (B)	52.16.3-3913	新規追加
2322	HPE MR416i-a Gen10 Plus Tri Mode Controller	HPE_MR416i-a_Gen10P_52.16.3-3913.fwpkg	Broadcom MR416i-a Cntrl for HPE Gen10+	52.16.3-3913 (B)	52.16.3-3913	新規追加
2323	HPE MR416i-p Gen10 Plus Tri Mode Controller	HPE_MR416i-p_Gen10P_52.16.3-3913.fwpkg	Broadcom MR416i-p Cntrl for HPE Gen10+	52.16.3-3913 (B)	52.16.3-3913	新規追加
2324	Online ROM Flash Component for VMware ESXi - HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers	CP049281.zip	HPE 12Gb SAS Expander Card	5.10	5.10	
2325	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	CP047425.zip	HPE Smart Array P816i-a SR Gen10 Controller	4.11	4.11	
2326	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	CP047425.zip	HPE Smart Array P408i-a SR Gen10 Controller	4.11	4.11	
2327	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	CP047425.zip	HPE Smart Array P408i-p SR Gen10 Controller	4.11	4.11	
2328	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c,	CP047425.zip	HPE Smart Array E208e-p SR Gen10 Controller	4.11	4.11	

	E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10					
2329	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	CP047425.zip	HPE Smart Array E208i-p SR Gen10 Controller	4.11	4.11	
2330	Online ROM Flash Component for VMware ESXi - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	CP047425.zip	HPE Smart Array E208i-a SR Gen10 Controller	4.11	4.11	
2331	Online ROM Flash Component for Windows (x64) - HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers	cp049280.exe	HPE 12Gb SAS Expander Card	5.10	5.10	
2332	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	cp047424.exe	HPE Smart Array P816i-a SR Gen10 Controller	4.11	4.11	
2333	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	cp047424.exe	HPE Smart Array P408i-a SR Gen10 Controller	4.11	4.11	
2334	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	cp047424.exe	HPE Smart Array P408i-p SR Gen10 Controller	4.11	4.11	
2335	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	cp047424.exe	HPE Smart Array E208e-p SR Gen10 Controller	4.11	4.11	
2336	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a,	cp047424.exe	HPE Smart Array E208i-p SR Gen10 Controller	4.11	4.11	

	P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10					
2337	Online ROM Flash Component for Windows (x64) - HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10	cp047424.exe	HPE Smart Array E208i-a SR Gen10 Controller	4.11	4.11	
2338	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-5.10-1.1.x86_64.rpm	HPE 12Gb SAS Expander Card	5.10	5.10	
2339	Supplemental Update / 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-4.11-1.1.x86_64.rpm	HPE Smart Array P816i-a SR Gen10 Controller	4.11	4.11	
2340	Supplemental Update / 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-4.11-1.1.x86_64.rpm	HPE Smart Array P408i-a SR Gen10 Controller	4.11	4.11	
2341	Supplemental Update / 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-4.11-1.1.x86_64.rpm	HPE Smart Array P408i-p SR Gen10 Controller	4.11	4.11	
2342	Supplemental Update / 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-4.11-1.1.x86_64.rpm	HPE Smart Array E208e-p SR Gen10 Controller	4.11	4.11	
2343	Supplemental Update / 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-4.11-1.1.x86_64.rpm	HPE Smart Array E208i-p SR Gen10 Controller	4.11	4.11	
2344	Supplemental Update / 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-4.11-1.1.x86_64.rpm	HPE Smart Array E208i-a SR Gen10 Controller	4.11	4.11	
2345	Universal Firmware Package for HPE Boot Controller NS204i-p	HPE_NS204i_Gen10P_P LDM_1060.fwpkg	HPE NS204i-r Gen10+ Boot Controller	1.0.14.1060	1.0.14.1060	

2346	Universal Firmware Package for HPE Boot Controller NS204i-p	HPE_NS204i_Gen10P_P LDM_1060.fwpkg	HPE NS204i-p Gen10+ Boot Controller	1.0.14.1060	1.0.14.1060	
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6.2.18 Firmware - Storage Fibre Channel

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2347	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2022.03.01-1.1.x86_64.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2348	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2022.03.01-1.1.x86_64.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2349	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2022.03.01-1.1.x86_64.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2350	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2022.03.01-1.1.x86_64.rpm	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2351	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2022.03.01-1.1.x86_64.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2352	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)	firmware-fc-emulex-2022.03.01-1.1.x86_64.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2353	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022 x64	cp049957.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2354	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022 x64	cp049957.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2355	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022 x64	cp049957.exe	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2356	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022 x64	cp049957.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2357	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022 x64	cp049957.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2358	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Microsoft Windows Server 2016/2019/2022 x64	cp049957.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2359	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP046801.zip	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2021.10.01	12.8.528.12	

2360	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP046801.zip	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2021.10.01	12.8.528.12	
2361	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP046801.zip	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2021.10.01	12.8.528.12	
2362	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP046801.zip	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2021.10.01	12.8.528.12	
2363	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP046801.zip	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2021.10.01	12.8.528.12	
2364	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP046801.zip	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2021.10.01	12.8.528.12	
2365	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP049954.zip	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2366	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP049954.zip	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2367	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP049954.zip	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2368	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP049954.zip	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2369	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP049954.zip	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2370	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP049954.zip	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2371	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP049955.zip	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2372	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP049955.zip	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2373	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP049955.zip	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2374	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP049955.zip	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2375	HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP049955.zip	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.21	更新
2376	HPE Firmware Flash for Emulex Fibre Channel Host	CP049955.zip	HPE SN1610E 32Gb 2-port Fibre	2022.03.01	12.8.528.21	更新

	Bus Adapters for VMware vSphere 7.0		Channel Host Bus Adapter			
2377	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2021.10.01-1.10.x86_64.rpm	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2021.10.01	01.75.07	
2378	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2021.10.01-1.10.x86_64.rpm	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2021.10.01	01.75.07	
2379	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2021.10.01-1.10.x86_64.rpm	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2021.10.01	01.75.07	
2380	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2021.10.01-1.10.x86_64.rpm	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2021.10.01	01.75.07	
2381	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2021.10.01-1.10.x86_64.rpm	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2021.10.01	02.05.03	
2382	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64)	firmware-fc-qlogic-2021.10.01-1.10.x86_64.rpm	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2021.10.01	02.05.03	
2383	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022 (x86_64)	cp046938.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2021.10.01	01.75.07	
2384	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022 (x86_64)	cp046938.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2021.10.01	01.75.07	
2385	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022 (x86_64)	cp046938.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2021.10.01	01.75.07	
2386	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022 (x86_64)	cp046938.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2021.10.01	01.75.07	
2387	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022 (x86_64)	cp046938.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2021.10.01	02.05.03	
2388	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Microsoft Windows Server 2016/2019/2022 (x86_64)	cp046938.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2021.10.01	02.05.03	
2389	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP046820.zip	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2021.10.01	01.75.07	
2390	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP046820.zip	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2021.10.01	01.75.07	
2391	HPE Firmware Flash for QLogic Fibre Channel Host	CP046820.zip	HPE SN1600Q 32Gb Dual Port	2021.10.01	01.75.07	

	Bus Adapters for VMware vSphere 6.5		Fibre Channel Host Bus Adapter			
2392	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP046820.zip	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2021.10.01	01.75.07	
2393	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP046820.zip	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2021.10.01	02.05.03	
2394	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.5	CP046820.zip	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2021.10.01	02.05.03	
2395	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP046821.zip	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2021.10.01	01.75.07	
2396	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP046821.zip	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2021.10.01	01.75.07	
2397	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP046821.zip	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2021.10.01	01.75.07	
2398	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP046821.zip	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2021.10.01	01.75.07	
2399	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP046821.zip	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2021.10.01	02.05.03	
2400	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.7	CP046821.zip	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2021.10.01	02.05.03	
2401	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP046822.zip	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2021.10.01	01.75.07	
2402	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP046822.zip	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2021.10.01	01.75.07	
2403	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP046822.zip	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2021.10.01	01.75.07	
2404	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP046822.zip	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2021.10.01	01.75.07	
2405	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP046822.zip	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2021.10.01	02.05.03	
2406	HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 7.0	CP046822.zip	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2021.10.01	02.05.03	

6.2.19 Firmware – System

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2407	Firmware Package - Gen10 NVMe Backplane PIC Firmware	ISS_NVMe_BP_PIC_flas hv1B24.fwpkg	NVMe Backplane PIC	1.24 (C)	1.24	更新
2408	Firmware Package - Gen10Plus UBM2 Backplane PIC Firmware	UBM2_V1.20.fwpkg	UBM2 Backplane PIC	1.20	V1.20	更新
2409	Firmware Package - Gen10Plus UBM3 Backplane PIC Firmware	UBM3_V1.24.fwpkg	UBM3 Backplane PIC	1.24	V1.24	更新
2410	Firmware Package - Gen10Plus UBM4 Backplane PIC Firmware	UBM4_V1.24.fwpkg	UBM4 Backplane PIC	1.24	V1.24	更新
2411	Online Flash Component for Linux - Gen10Plus UBM2 Backplane PIC Firmware	firmware-smartarray-40023de47f-1.20-1.1.x86_64.rpm	Gen10Plus_UBM2_Backplane_PIC	1.20	1.20	更新
2412	Online Flash Component for Linux - Gen10Plus UBM3 Backplane PIC Firmware	firmware-ff3fa73ca1-1.24-1.1.x86_64.rpm	Gen10Plus_UBM3_Backplane_PIC	1.24	1.24	更新
2413	Online Flash Component for Linux - Gen10Plus UBM4 Backplane PIC Firmware	firmware-8586fe2547-1.24-1.1.x86_64.rpm	Gen10Plus_UBM4_Backplane_PIC	1.24	1.24	更新
2414	Online Flash Component for VMware Esxi - Gen10Plus UBM2 Backplane PIC Firmware	CP051209.zip	Gen10Plus_UBM2_Backplane_PIC	1.20	1.20	更新
2415	Online Flash Component for VMware Esxi - Gen10Plus UBM3 Backplane PIC Firmware	CP050751.zip	Gen10Plus_UBM3_Backplane_PIC	1.24	1.24	更新
2416	Online Flash Component for VMware Esxi - Gen10Plus UBM4 Backplane PIC Firmware	CP050755.zip	Gen10Plus_UBM3_Backplane_PIC	1.24	1.24	更新
2417	Online Flash Component for Windows x64 - Gen10Plus UBM2 Backplane PIC Firmware	cp051208.exe	Gen10Plus_UBM2_Backplane_PIC	1.20	1.20	更新
2418	Online Flash Component for Windows x64 - Gen10Plus UBM3 Backplane PIC Firmware	cp050753.exe	Gen10Plus_UBM3_Backplane_PIC	1.24	1.24	更新
2419	Online Flash Component for Windows x64 - Gen10Plus UBM4 Backplane PIC Firmware	cp050757.exe	Gen10Plus_UBM4_Backplane_PIC	1.24	1.24	更新
2420	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-0.2.3.0-1.1.x86_64.rpm	Innovation Engine (IE) Firmware	0.2.3.0	0.2.3.0	更新
2421	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-04.01.04.601-1.1.x86_64.rpm	Server Platform Services (SPS) Firmware	04.01.04.601	04.01.04.601	更新
2422	Online Flash for Linux - Server Platform Services (SPS) Firmware for servers using	firmware-sps-04.04.04.062-1.1.x86_64.rpm	Server Platform Services (SPS) Firmware	04.04.04.062	04.04.04.062	更新

	Intel Xeon Scalable 4300/5300/6300/8300 series Processors					
2423	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	cp050954.exe	Server Platform Services (SPS) Firmware	04.01.04.601	04.01.04.601	更新
2424	Online Flash for Windows x64 - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	cp050951.exe	Server Platform Services (SPS) Firmware	04.04.04.062	04.04.04.062	更新
2425	Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	cp050862.exe	Server Platform Services (SPS) Firmware for Intel C242 and C...	05.01.04.400	05.01.04.400	更新
2426	Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	cp050881.exe	Server Platform Services Manageability Engine Firmware	06.00.03.039	06.00.03.039	新規追加
2427	Online ROM Flash Component for Windows x64 - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems	cp050840.exe	Server Platform Services Manageability Engine Firmware for t...	06.00.03.039	06.00.03.039	新規追加
2428	Online ROM Flash for Linux - Innovation Engine Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	firmware-ie-1.0.0.20-1.1.x86_64.rpm	Innovation Engine (IE) Firmware	1.0.0.20	1.0.0.20	
2429	Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	firmware-u43u44sps-05.01.04.400-1.1.x86_64.rpm	Server Platform Services (SPS) Firmware for Intel C242 and C...	05.01.04.400	05.01.04.400	更新
2430	Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	firmware-u43u44sps-06.00.03.039-1.1.x86_64.rpm	Server Platform Services Manageability Engine Firmware	06.00.03.039	06.00.03.039	新規追加
2431	Online ROM Flash for Linux - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems	firmware-u60sps-06.00.03.039-1.1.x86_64.rpm	Server Platform Services Manageability Engine Firmware for t...	06.00.03.039	06.00.03.039	新規追加
2432	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	0.2.3.0	更新
2433	ROM Flash Firmware Package - Innovation Engine Firmware for servers using Intel Xeon Scalable	OEM.IEGen10Plus_1.0.0.20.fwpkg	Innovation Engine (IE) Universal Image	1.0.0.20	1.0.0.20	

	4300/5300/6300/8300 series Processors					
2434	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_04.01.04.601.fwpkg	Server Platform Services (SPS) Firmware	04.01.04.601	04.01.04.601	更新
2435	ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors	OEM.SPSGen10Plus_04.04.04.062.fwpkg	Server Platform Services (SPS) Firmware	04.04.04.062	04.04.04.062	更新
2436	ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	OEM.DL20ML30Gen10SPS_05.01.04.400.fwpkg	Server Platform Services (SPS) E3 Firmware	05.01.04.400	05.01.04.400	更新
2437	ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C242 and C246 PCH based systems	OEM.SC_ML30GEN10Plus_ME_06.00.03.039.fwpkg	Server Platform Services (SPS) E3 Firmware for ML30 Gen10 Plus	06.00.03.039	06.00.03.039	新規追加
2438	ROM Flash Firmware Package - Server Platform Services Manageability Engine Firmware for the Intel C256 PCH based systems	OEM.SC_DL20GEN10Plus_ME_06.00.03.039.fwpkg	Server Platform Services (SPS) E3 Firmware for DL20 Gen10 Plus	06.00.03.039	06.00.03.039	新規追加

6.2.20 Software - Lights-Out Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2439	HPE Lights-Out Online Configuration Utility for Linux (AMD64/EM64T)	hponcfg-5.6.0-0.x86_64.rpm	-	5.6.0-0	5.6.0-0	
2440	HPE Lights-Out Online Configuration Utility for Windows x64 Editions	cp048230.exe	-	5.5.0.0 (C)	5.5.0.0 (C)	

6.2.21 Software - Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2441	HPE Agentless Management Bundle Smart Component on ESXi 7.0 for Gen10 and Gen10 Plus Servers	cp047520.zip	-	2021.10.01	701.11.8.0.15-10EM.701.0.0.16850804	
2442	HPE CRU Driver Bundle Smart Component for ESXi 7.0	cp044598.zip	-	2020.04.01 (A)	700.10.16-10EM.700.0.0.14828939	
2443	HPE Fiber Channel and Storage Enablement Bundle Smart Component for ESXi 7.0	cp047521.zip	-	2021.10.01	2021.10.01	
2444	HPE iLO Driver Bundle Smart Component for ESXi 7.0	cp047518.zip	-	2021.09.01	700.10.7.5.2-10EM.700.1.0.15843807	
2445	HPE Management Bundle Smart Component for ESXi 6.5 for Gen10 and Gen10 Plus Servers	cp047523.zip	-	2021.10.01	2021.10.01	
2446	HPE Management Bundle	cp047522.zip	-	2021.10.01	2021.10.01	

	Smart Component for ESXi 6.7 for Gen10 and Gen10 Plus Servers					
2447	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 7.0	cp050291.zip	-	2022.03.01	5.30.6.0-7.0.0.1552599 2.oem	更新
2448	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 7.0	cp050291.zip	Microchip SR416i-a Cntrl for HPE Gen10+	2022.03.01	5.30.6.0-7.0.0.1552599 2.oem	更新
2449	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 7.0	cp050291.zip	Microchip SR932i-p Cntrl for HPE Gen10+	2022.03.01	5.30.6.0-7.0.0.1552599 2.oem	更新
2450	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 7.0	cp050291.zip	HPE Smart Array P816i-a SR Gen10 Controller	2022.03.01	5.30.6.0-7.0.0.1552599 2.oem	更新
2451	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 7.0	cp050291.zip	HPE Smart Array P408i-a SR Gen10 Controller	2022.03.01	5.30.6.0-7.0.0.1552599 2.oem	更新
2452	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 7.0	cp050291.zip	HPE Smart Array P408i-p SR Gen10 Controller	2022.03.01	5.30.6.0-7.0.0.1552599 2.oem	更新
2453	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 7.0	cp050291.zip	HPE Smart Array E208e-p SR Gen10 Controller	2022.03.01	5.30.6.0-7.0.0.1552599 2.oem	更新
2454	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 7.0	cp050291.zip	HPE Smart Array E208i-a SR Gen10 Controller	2022.03.01	5.30.6.0-7.0.0.1552599 2.oem	更新
2455	Smart Storage Administrator (SSA) CLI Smart Component for ESXi 7.0	cp050291.zip	HPE Smart Array E208i-p SR Gen10 Controller	2022.03.01	5.30.6.0-7.0.0.1552599 2.oem	更新

6.2.22 Software - Storage Controller

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2456	HPE MegaRAID Storage Administrator StorCLI for VMware6.7	cp045860.zip	Broadcom MR416i-p Cntrl for HPE Gen10+	2021.04	007.1616.000 0.0000-01	新規追加
2457	HPE MegaRAID Storage Administrator StorCLI for VMware6.7	cp045860.zip	Broadcom MR416i-a Cntrl for HPE Gen10+	2021.04	007.1616.000 0.0000-01	新規追加
2458	HPE MegaRAID Storage Administrator StorCLI for VMware6.7	cp045860.zip	Broadcom MR216i-p Cntrl for HPE Gen10+	2021.04	007.1616.000 0.0000-01	新規追加
2459	HPE MegaRAID Storage Administrator StorCLI for VMware6.7	cp045860.zip	Broadcom MR216i-a Cntrl for HPE Gen10+	2021.04	007.1616.000 0.0000-01	新規追加
2460	HPE MegaRAID Storage Administrator StorCLI for VMware7.0	cp044633.zip	Broadcom MR416i-p Cntrl for HPE Gen10+	2021.04.00	007.1616.000 0.0000-01	新規追加
2461	HPE MegaRAID Storage Administrator StorCLI for VMware7.0	cp044633.zip	Broadcom MR416i-a Cntrl for HPE Gen10+	2021.04.00	007.1616.000 0.0000-01	新規追加
2462	HPE MegaRAID Storage Administrator StorCLI for VMware7.0	cp044633.zip	Broadcom MR216i-p Cntrl for HPE Gen10+	2021.04.00	007.1616.000 0.0000-01	新規追加
2463	HPE MegaRAID Storage Administrator StorCLI for VMware7.0	cp044633.zip	Broadcom MR216i-a Cntrl for HPE Gen10+	2021.04.00	007.1616.000 0.0000-01	新規追加
2464	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp049025.exe	HPE Smart Array P408i-a SR Gen10 Controller	1.2.1.66	1.2.1.66	
2465	HPE Smart Array SR Event Notification Service for	cp049025.exe	HPE Smart Array P408i-p SR Gen10	1.2.1.66	1.2.1.66	

	Windows Server 64-bit Editions		Controller			
2466	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp049025.exe	HPE Smart Array P816i-a SR Gen10 Controller	1.2.1.66	1.2.1.66	
2467	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp049025.exe	HPE Smart Array E208e-p SR Gen10 Controller	1.2.1.66	1.2.1.66	
2468	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp049025.exe	HPE Smart Array E208i-p SR Gen10 Controller	1.2.1.66	1.2.1.66	
2469	HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions	cp049025.exe	HPE Smart Array E208i-a SR Gen10 Controller	1.2.1.66	1.2.1.66	

6.2.23 Software - Storage Fibre Channel

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2470	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -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 (c)	4.2-1_rhel	更新
2471	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -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 (c)	4.2-1_rhel	更新
2472	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -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 (c)	4.2-1_rhel	更新
2473	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -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 (c)	4.2-1_rhel	更新
2474	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -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 (c)	4.2-1_rhel	更新
2475	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -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 (c)	4.2-1_rhel	更新
2476	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -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 (c)	4.2-1_rhel	更新
2477	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -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 (c)	4.2-1_rhel	更新
2478	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -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 (c)	4.2-1_rhel	更新
2479	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -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 (c)	4.2-1_rhel	更新
2480	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -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 (c)	4.2-1_rhel	更新

	Enterprise Linux (RHEL)		Adapter			
2481	Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -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 (c)	4.2-1_rhel	更新
2482	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters and Mezzanine Host Bus Adapters for Red Hat Enterprise Linux 7 Server	HPE-CNA-FC-Emulex-Enablement-Kit-12.8.526.0-1.rhel7.x86_64.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.8.526.0 (c)	12.8.526.0-1.rhel7	更新
2483	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters and Mezzanine Host Bus Adapters for Red Hat Enterprise Linux 7 Server	HPE-CNA-FC-Emulex-Enablement-Kit-12.8.526.0-1.rhel7.x86_64.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.8.526.0 (c)	12.8.526.0-1.rhel7	更新
2484	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters and Mezzanine Host Bus Adapters for Red Hat Enterprise Linux 7 Server	HPE-CNA-FC-Emulex-Enablement-Kit-12.8.526.0-1.rhel7.x86_64.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.8.526.0 (c)	12.8.526.0-1.rhel7	更新
2485	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters and Mezzanine Host Bus Adapters for Red Hat Enterprise Linux 7 Server	HPE-CNA-FC-Emulex-Enablement-Kit-12.8.526.0-1.rhel7.x86_64.rpm	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.8.526.0 (c)	12.8.526.0-1.rhel7	更新
2486	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters and Mezzanine Host Bus Adapters for Red Hat Enterprise Linux 7 Server	HPE-CNA-FC-Emulex-Enablement-Kit-12.8.526.0-1.rhel7.x86_64.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	12.8.526.0 (c)	12.8.526.0-1.rhel7	更新
2487	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters and Mezzanine Host Bus Adapters for Red Hat Enterprise Linux 7 Server	HPE-CNA-FC-Emulex-Enablement-Kit-12.8.526.0-1.rhel7.x86_64.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	12.8.526.0 (c)	12.8.526.0-1.rhel7	更新
2488	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters and Mezzanine Host Bus Adapters for Red Hat Enterprise Linux 8 Server	HPE-CNA-FC-Emulex-Enablement-Kit-12.8.526.0-1.rhel8.x86_64.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.8.526.0 (c)	12.8.526.0-1.rhel8	更新
2489	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters and Mezzanine Host Bus Adapters for Red Hat Enterprise Linux 8 Server	HPE-CNA-FC-Emulex-Enablement-Kit-12.8.526.0-1.rhel8.x86_64.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.8.526.0 (c)	12.8.526.0-1.rhel8	更新
2490	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters and Mezzanine Host Bus Adapters for Red Hat Enterprise Linux 8 Server	HPE-CNA-FC-Emulex-Enablement-Kit-12.8.526.0-1.rhel8.x86_64.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.8.526.0 (c)	12.8.526.0-1.rhel8	更新
2491	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters and Mezzanine Host Bus Adapters for Red Hat Enterprise Linux 8 Server	HPE-CNA-FC-Emulex-Enablement-Kit-12.8.526.0-1.rhel8.x86_64.rpm	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.8.526.0 (c)	12.8.526.0-1.rhel8	更新
2492	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters and Mezzanine Host Bus Adapters for Red Hat Enterprise Linux 8 Server	HPE-CNA-FC-Emulex-Enablement-Kit-12.8.526.0-1.rhel8.x86_64.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	12.8.526.0 (c)	12.8.526.0-1.rhel8	更新
2493	HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters and Mezzanine Host Bus Adapters for Red Hat Enterprise Linux 8 Server	HPE-CNA-FC-Emulex-Enablement-Kit-12.8.526.0-1.rhel8.x86_64.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	12.8.526.0 (c)	12.8.526.0-1.rhel8	更新
2494	HPE Emulex Fibre Channel	cp047508.exe	HPE SN1200E	1.0.0.1	1.0.0.1	新規追加

	Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2022 (x86_64)		16Gb Dual Port Fibre Channel Host Bus Adapter			
2495	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2022 (x86_64)	cp047508.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1	1.0.0.1	新規追加
2496	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2022 (x86_64)	cp047508.exe	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1	1.0.0.1	新規追加
2497	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2022 (x86_64)	cp047508.exe	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1	1.0.0.1	新規追加
2498	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2022 (x86_64)	cp047508.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	1.0.0.1	1.0.0.1	新規追加
2499	HPE Emulex Fibre Channel Smart SAN Enablement Kit for Host Bus Adapters for Microsoft Windows Server 2022 (x86_64)	cp047508.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	1.0.0.1	1.0.0.1	新規追加
2500	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 (j)	1.0.0.0-4	更新
2501	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 (j)	1.0.0.0-4	更新
2502	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 (j)	1.0.0.0-4	更新
2503	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 (j)	1.0.0.0-4	更新
2504	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 (j)	1.0.0.0-4	更新
2505	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 (j)	1.0.0.0-4	更新
2506	HPE Emulex Smart SAN Enablement Kit for Microsoft Windows Server 2016/2019 (x86_64)	cp047610.exe	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (k)	1.0.0.1 (k)	
2507	HPE Emulex Smart SAN Enablement Kit for Microsoft Windows Server 2016/2019 (x86_64)	cp047610.exe	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (k)	1.0.0.1 (k)	
2508	HPE Emulex Smart SAN Enablement Kit for Microsoft Windows Server 2016/2019 (x86_64)	cp047610.exe	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (k)	1.0.0.1 (k)	
2509	HPE Emulex Smart SAN	cp047610.exe	HPE SN1600E	1.0.0.1 (k)	1.0.0.1 (k)	

	Enablement Kit for Microsoft Windows Server 2016/2019 (x86_64)		32Gb Single Port Fibre Channel Host Bus Adapter			
2510	HPE Emulex Smart SAN Enablement Kit for Microsoft Windows Server 2016/2019 (x86_64)	cp047610.exe	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	1.0.0.1 (k)	1.0.0.1 (k)	
2511	HPE Emulex Smart SAN Enablement Kit for Microsoft Windows Server 2016/2019 (x86_64)	cp047610.exe	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	1.0.0.1 (k)	1.0.0.1 (k)	
2512	HPE NVMe Fibre Channel Enablement Kit for Emulex Host Bus Adapters for Linux Server	nvmefc-connect-12.8.264.0-1.rhel7u8.noarch.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.8.264.0 (c)	12.8.264.0-1.rhel7u8	更新
2513	HPE NVMe Fibre Channel Enablement Kit for Emulex Host Bus Adapters for Linux Server	nvmefc-connect-12.8.264.0-1.rhel7u8.noarch.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.8.264.0 (c)	12.8.264.0-1.rhel7u8	更新
2514	HPE NVMe Fibre Channel Enablement Kit for Emulex Host Bus Adapters for Linux Server	nvmefc-connect-12.8.264.0-1.rhel7u8.noarch.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.8.264.0 (c)	12.8.264.0-1.rhel7u8	更新
2515	HPE NVMe Fibre Channel Enablement Kit for Emulex Host Bus Adapters for Linux Server	nvmefc-connect-12.8.264.0-1.rhel7u8.noarch.rpm	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.8.264.0 (c)	12.8.264.0-1.rhel7u8	更新
2516	HPE NVMe Fibre Channel Enablement Kit for Emulex Host Bus Adapters for Linux Server	nvmefc-connect-12.8.264.0-1.rhel7u8.noarch.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	12.8.264.0 (c)	12.8.264.0-1.rhel7u8	更新
2517	HPE NVMe Fibre Channel Enablement Kit for Emulex Host Bus Adapters for Linux Server	nvmefc-connect-12.8.264.0-1.rhel7u8.noarch.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	12.8.264.0 (c)	12.8.264.0-1.rhel7u8	更新
2518	HPE NVMe Fibre Channel Enablement Kit for Emulex Host Bus Adapters for Linux Server	nvmefc-connect-12.8.264.0-1.rhel7u9.noarch.rpm	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	12.8.264.0 (c)	12.8.264.0-1.rhel7u9	更新
2519	HPE NVMe Fibre Channel Enablement Kit for Emulex Host Bus Adapters for Linux Server	nvmefc-connect-12.8.264.0-1.rhel7u9.noarch.rpm	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	12.8.264.0 (c)	12.8.264.0-1.rhel7u9	更新
2520	HPE NVMe Fibre Channel Enablement Kit for Emulex Host Bus Adapters for Linux Server	nvmefc-connect-12.8.264.0-1.rhel7u9.noarch.rpm	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	12.8.264.0 (c)	12.8.264.0-1.rhel7u9	更新
2521	HPE NVMe Fibre Channel Enablement Kit for Emulex Host Bus Adapters for Linux Server	nvmefc-connect-12.8.264.0-1.rhel7u9.noarch.rpm	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	12.8.264.0 (c)	12.8.264.0-1.rhel7u9	更新
2522	HPE NVMe Fibre Channel Enablement Kit for Emulex Host Bus Adapters for Linux Server	nvmefc-connect-12.8.264.0-1.rhel7u9.noarch.rpm	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	12.8.264.0 (c)	12.8.264.0-1.rhel7u9	更新
2523	HPE NVMe Fibre Channel Enablement Kit for Emulex Host Bus Adapters for Linux Server	nvmefc-connect-12.8.264.0-1.rhel7u9.noarch.rpm	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	12.8.264.0 (c)	12.8.264.0-1.rhel7u9	更新
2524	HPE QLogic Fibre Channel driver component for VMware vSphere 6.5	cp046817.zip	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2021.10.01	2.1.101.0-10EM.600.0.0.2768847	
2525	HPE QLogic Fibre Channel driver component for VMware vSphere 6.5	cp046817.zip	HPE SN1100Q 16Gb Single Port Fibre Channel	2021.10.01	2.1.101.0-10EM.600.0.0.2768847	

			Host Bus Adapter			
2526	HPE QLogic Fibre Channel driver component for VMware vSphere 6.5	cp046817.zip	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2021.10.01	2.1.101.0-10EM.600.0.0.2768847	
2527	HPE QLogic Fibre Channel driver component for VMware vSphere 6.5	cp046817.zip	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2021.10.01	2.1.101.0-10EM.600.0.0.2768847	
2528	HPE QLogic Fibre Channel driver component for VMware vSphere 6.5	cp046817.zip	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2021.10.01	2.1.101.0-10EM.600.0.0.2768847	
2529	HPE QLogic Fibre Channel driver component for VMware vSphere 6.5	cp046817.zip	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2021.10.01	2.1.101.0-10EM.600.0.0.2768847	
2530	HPE QLogic Fibre Channel driver component for VMware vSphere 6.7	cp046818.zip	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2021.10.01	3.1.46.0-10EM.670.0.0.8169922	
2531	HPE QLogic Fibre Channel driver component for VMware vSphere 6.7	cp046818.zip	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2021.10.01	3.1.46.0-10EM.670.0.0.8169922	
2532	HPE QLogic Fibre Channel driver component for VMware vSphere 6.7	cp046818.zip	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2021.10.01	3.1.46.0-10EM.670.0.0.8169922	
2533	HPE QLogic Fibre Channel driver component for VMware vSphere 6.7	cp046818.zip	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2021.10.01	3.1.46.0-10EM.670.0.0.8169922	
2534	HPE QLogic Fibre Channel driver component for VMware vSphere 6.7	cp046818.zip	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2021.10.01	3.1.46.0-10EM.670.0.0.8169922	
2535	HPE QLogic Fibre Channel driver component for VMware vSphere 6.7	cp046818.zip	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2021.10.01	3.1.46.0-10EM.670.0.0.8169922	
2536	HPE QLogic Fibre Channel driver component for VMware vSphere 7.0	cp046819.zip	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	2021.10.01	4.1.34.0-10EM.700.1.0.15843807	
2537	HPE QLogic Fibre Channel driver component for VMware vSphere 7.0	cp046819.zip	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	2021.10.01	4.1.34.0-10EM.700.1.0.15843807	
2538	HPE QLogic Fibre Channel driver component for VMware vSphere 7.0	cp046819.zip	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	2021.10.01	4.1.34.0-10EM.700.1.0.15843807	
2539	HPE QLogic Fibre Channel driver component for VMware vSphere 7.0	cp046819.zip	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	2021.10.01	4.1.34.0-10EM.700.1.0.15843807	
2540	HPE QLogic Fibre Channel driver component for VMware vSphere 7.0	cp046819.zip	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	2021.10.01	4.1.34.0-10EM.700.1.0.15843807	
2541	HPE QLogic Fibre Channel driver component for VMware vSphere 7.0	cp046819.zip	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	2021.10.01	4.1.34.0-10EM.700.1.0.15843807	
2542	HPE QLogic Fibre Channel	HPE-CNA-FC-hpeqlgc-	HPE SN1100Q	6.0.0.0-16	6.0.0.0-16	

	Enablement Kit for Host Bus Adapter and Mezzanine Host Bus Adapter for Linux	Enablement-Kit-6.0.0.0-16.noarch.rpm	16Gb Dual Port Fibre Channel Host Bus Adapter	(b)		
2543	HPE QLogic Fibre Channel Enablement Kit for Host Bus Adapter and Mezzanine Host Bus Adapter for Linux	HPE-CNA-FC-hpeqlgc-Enablement-Kit-6.0.0.0-16.noarch.rpm	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	6.0.0.0-16 (b)	6.0.0.0-16	
2544	HPE QLogic Fibre Channel Enablement Kit for Host Bus Adapter and Mezzanine Host Bus Adapter for Linux	HPE-CNA-FC-hpeqlgc-Enablement-Kit-6.0.0.0-16.noarch.rpm	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	6.0.0.0-16 (b)	6.0.0.0-16	
2545	HPE QLogic Fibre Channel Enablement Kit for Host Bus Adapter and Mezzanine Host Bus Adapter for Linux	HPE-CNA-FC-hpeqlgc-Enablement-Kit-6.0.0.0-16.noarch.rpm	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	6.0.0.0-16 (b)	6.0.0.0-16	
2546	HPE QLogic Fibre Channel Enablement Kit for Host Bus Adapter and Mezzanine Host Bus Adapter for Linux	HPE-CNA-FC-hpeqlgc-Enablement-Kit-6.0.0.0-16.noarch.rpm	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	6.0.0.0-16 (b)	6.0.0.0-16	
2547	HPE QLogic Fibre Channel Enablement Kit for Host Bus Adapter and Mezzanine Host Bus Adapter for Linux	HPE-CNA-FC-hpeqlgc-Enablement-Kit-6.0.0.0-16.noarch.rpm	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	6.0.0.0-16 (b)	6.0.0.0-16	
2548	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2016/2019 (x86_64)	cp042521.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (j)	1.0.0.1 (j)	
2549	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2016/2019 (x86_64)	cp042521.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (j)	1.0.0.1 (j)	
2550	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2016/2019 (x86_64)	cp042521.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1 (j)	1.0.0.1 (j)	
2551	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2016/2019 (x86_64)	cp042521.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1 (j)	1.0.0.1 (j)	
2552	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2016/2019 (x86_64)	cp042521.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	1.0.0.1 (j)	1.0.0.1 (j)	
2553	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2016/2019 (x86_64)	cp042521.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	1.0.0.1 (j)	1.0.0.1 (j)	
2554	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2022 (x86_64)	cp047511.exe	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	1.0.0.1	1.0.0.1	新規追加
2555	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2022 (x86_64)	cp047511.exe	HPE SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1	1.0.0.1	新規追加
2556	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for	cp047511.exe	HPE SN1600Q 32Gb Dual Port Fibre Channel	1.0.0.1	1.0.0.1	新規追加

	Microsoft Windows Server 2022 (x86_64)		Host Bus Adapter			
2557	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2022 (x86_64)	cp047511.exe	HPE SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter	1.0.0.1	1.0.0.1	新規追加
2558	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2022 (x86_64)	cp047511.exe	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	1.0.0.1	1.0.0.1	新規追加
2559	HPE QLogic Smart SAN Enablement Kit for Fibre Channel Host Bus Adapter for Microsoft Windows Server 2022 (x86_64)	cp047511.exe	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	1.0.0.1	1.0.0.1	新規追加
2560	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 (i)	3.3-3	
2561	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 (i)	3.3-3	
2562	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 (i)	3.3-3	
2563	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 (i)	3.3-3	
2564	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 (i)	3.3-3	
2565	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 (i)	3.3-3	
2566	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 6.5	cp046811.zip	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2021.10.01	12.8.317.0-10EM.650.0.0.4598673	
2567	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 6.5	cp046811.zip	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2021.10.01	12.8.317.0-10EM.650.0.0.4598673	
2568	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 6.5	cp046811.zip	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2021.10.01	12.8.317.0-10EM.650.0.0.4598673	
2569	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 6.5	cp046811.zip	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2021.10.01	12.8.317.0-10EM.650.0.0.4598673	
2570	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 6.5	cp046811.zip	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2021.10.01	12.8.317.0-10EM.650.0.0.4598673	
2571	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 6.5	cp046811.zip	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2021.10.01	12.8.317.0-10EM.650.0.0.4598673	
2572	HPE Storage Emulex Fibre	cp049965.zip	HPE SN1200E	2022.03.01	12.8.528.14-	更新

	Channel driver component for VMware vSphere 6.7		16Gb Dual Port Fibre Channel Host Bus Adapter		1OEM.670.0.0.8169922	
2573	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 6.7	cp049965.zip	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.14-1OEM.670.0.0.8169922	更新
2574	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 6.7	cp049965.zip	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.14-1OEM.670.0.0.8169922	更新
2575	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 6.7	cp049965.zip	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.14-1OEM.670.0.0.8169922	更新
2576	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 6.7	cp049965.zip	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.14-1OEM.670.0.0.8169922	更新
2577	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 6.7	cp049965.zip	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.14-1OEM.670.0.0.8169922	更新
2578	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 7.0	cp049966.zip	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.13-1OEM.700.1.0.15843807	更新
2579	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 7.0	cp049966.zip	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.13-1OEM.700.1.0.15843807	更新
2580	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 7.0	cp049966.zip	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.13-1OEM.700.1.0.15843807	更新
2581	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 7.0	cp049966.zip	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.13-1OEM.700.1.0.15843807	更新
2582	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 7.0	cp049966.zip	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.13-1OEM.700.1.0.15843807	更新
2583	HPE Storage Emulex Fibre Channel driver component for VMware vSphere 7.0	cp049966.zip	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.13-1OEM.700.1.0.15843807	更新
2584	HPE Storage Emulex Fibre Channel NVMe driver component for VMware vSphere 7.0	cp049953.zip	HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.7-1OEM.700.1.0.15843807	更新
2585	HPE Storage Emulex Fibre Channel NVMe driver component for VMware vSphere 7.0	cp049953.zip	HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.7-1OEM.700.1.0.15843807	更新
2586	HPE Storage Emulex Fibre Channel NVMe driver component for VMware vSphere 7.0	cp049953.zip	HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.7-1OEM.700.1.0.15843807	更新
2587	HPE Storage Emulex Fibre Channel NVMe driver component for VMware vSphere 7.0	cp049953.zip	HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.7-1OEM.700.1.0.15843807	更新
2588	HPE Storage Emulex Fibre Channel NVMe driver component for VMware	cp049953.zip	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus	2022.03.01	12.8.528.7-1OEM.700.1.0.15843807	更新

	vSphere 7.0		Adapter			
2589	HPE Storage Emulex Fibre Channel NVMe driver component for VMware vSphere 7.0	cp049953.zip	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	2022.03.01	12.8.528.7-1OEM.700.1.0.15843807	更新

6.2.24 Software - System Management

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2590	Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 7 Server	amsd-2.6.0-1701.1.rhel7.x86_64.rpm	-	2.6.0	2.6.0-1701.1.rhel7	更新
2591	Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 8 Server	amsd-2.6.0-1701.1.rhel8.x86_64.rpm	-	2.6.0	2.6.0-1701.1.rhel8	更新
2592	Agentless Management Service for Microsoft Windows x64	cp049914.exe	-	2.51.0.0	2.51.0.0	更新
2593	HPE MegaRAID Storage Administrator (HPE MRSA) for Linux 64-bit	MRStorageAdministrator-007.016.016.000-00.x86_64.rpm	Broadcom MR416i-p Cntrl for HPE Gen10+	7.016.16.0 (B)	007.016.016.000-00	新規追加
2594	HPE MegaRAID Storage Administrator (HPE MRSA) for Linux 64-bit	MRStorageAdministrator-007.016.016.000-00.x86_64.rpm	Broadcom MR416i-a Cntrl for HPE Gen10+	7.016.16.0 (B)	007.016.016.000-00	新規追加
2595	HPE MegaRAID Storage Administrator (HPE MRSA) for Linux 64-bit	MRStorageAdministrator-007.016.016.000-00.x86_64.rpm	Broadcom MR216i-p Cntrl for HPE Gen10+	7.016.16.0 (B)	007.016.016.000-00	新規追加
2596	HPE MegaRAID Storage Administrator (HPE MRSA) for Linux 64-bit	MRStorageAdministrator-007.016.016.000-00.x86_64.rpm	Broadcom MR216i-a Cntrl for HPE Gen10+	7.016.16.0 (B)	007.016.016.000-00	新規追加
2597	HPE MegaRAID Storage Administrator (HPE MRSA) for Windows 64-bit	cp050700.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	7.16.16.0 (C)	7.16.16.0 (C)	新規追加
2598	HPE MegaRAID Storage Administrator (HPE MRSA) for Windows 64-bit	cp050700.exe	Broadcom MR416i-a Cntrl for HPE Gen10+	7.16.16.0 (C)	7.16.16.0 (C)	新規追加
2599	HPE MegaRAID Storage Administrator (HPE MRSA) for Windows 64-bit	cp050700.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	7.16.16.0 (C)	7.16.16.0 (C)	新規追加
2600	HPE MegaRAID Storage Administrator (HPE MRSA) for Windows 64-bit	cp050700.exe	Broadcom MR216i-a Cntrl for HPE Gen10+	7.16.16.0 (C)	7.16.16.0 (C)	新規追加
2601	HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit	storcli-007.1616.0000.0000-1.x86_64.rpm	Broadcom MR416i-p Cntrl for HPE Gen10+	007.1616.0000.0000 (B)	007.1616.0000.0000-1	新規追加
2602	HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit	storcli-007.1616.0000.0000-1.x86_64.rpm	Broadcom MR416i-a Cntrl for HPE Gen10+	007.1616.0000.0000 (B)	007.1616.0000.0000-1	新規追加
2603	HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit	storcli-007.1616.0000.0000-1.x86_64.rpm	Broadcom MR216i-p Cntrl for HPE Gen10+	007.1616.0000.0000 (B)	007.1616.0000.0000-1	新規追加
2604	HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit	storcli-007.1616.0000.0000-1.x86_64.rpm	Broadcom MR216i-a Cntrl for HPE Gen10+	007.1616.0000.0000 (B)	007.1616.0000.0000-1	新規追加
2605	HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit	cp050701.exe	Broadcom MR416i-p Cntrl for HPE Gen10+	7.16.16.0 (B)	7.16.16.0 (B)	新規追加
2606	HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit	cp050701.exe	Broadcom MR416i-a Cntrl for HPE Gen10+	7.16.16.0 (B)	7.16.16.0 (B)	新規追加
2607	HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit	cp050701.exe	Broadcom MR216i-p Cntrl for HPE Gen10+	7.16.16.0 (B)	7.16.16.0 (B)	新規追加
2608	HPE MegaRAID Storage	cp050701.exe	Broadcom	7.16.16.0	7.16.16.0 (B)	新規追加

	Administrator StorCLI for Windows 64-bit		MR216i-a Cntrl for HPE Gen10+	(B)		
2609	NVMe Drive Eject NMI Fix for Intel Xeon Processor Scalable Family for Microsoft Windows 64-bit	cp047948.exe	-	1.1.0.0 (D)	1.1.0.0 (D)	
2610	Smart Storage Administrator (SSA) CLI for Linux 64-bit	ssacli-5.30-6.0.x86_64.rpm	-	5.30.6.0	5.30-6.0	更新
2611	Smart Storage Administrator (SSA) CLI for Windows 64-bit	cp049695.exe	-	5.30.6.0	5.30.6.0	更新
2612	Smart Storage Administrator (SSA) for Linux 64-bit	ssa-5.30-6.0.x86_64.rpm	-	5.30.6.0	5.30-6.0	更新
2613	Smart Storage Administrator (SSA) for Windows 64-bit	cp049694.exe	-	5.30.6.0	5.30.6.0	更新
2614	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit	ssaducli-5.30-6.0.x86_64.rpm	-	5.30.6.0	5.30-6.0	更新
2615	Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit	cp049696.exe	-	5.30.6.0	5.30.6.0	更新

6.2.25 Utility - Tools

No.	Description	Package filename	Device	Package Version	Firmware/Driver version	Update
2616	HPE NFS host agent for RedHat Enterprise Linux(RHEL) Server -7/8	HPE-NFC-host-agent-RHEL-1.1-1.rhel7u8.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.1-1	1.1-1.rhel7u8	更新
2617	HPE NFS host agent for RedHat Enterprise Linux(RHEL) Server -7/8	HPE-NFC-host-agent-RHEL-1.1-1.rhel7u8.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.1-1	1.1-1.rhel7u8	更新
2618	HPE NFS host agent for RedHat Enterprise Linux(RHEL) Server -7/8	HPE-NFC-host-agent-RHEL-1.1-1.rhel7u8.x86_64.rpm	-	1.1-1	1.1-1.rhel7u8	更新
2619	HPE NFS host agent for RedHat Enterprise Linux(RHEL) Server -7/8	HPE-NFC-host-agent-RHEL-1.1-1.rhel7u9.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.1-1	1.1-1.rhel7u9	更新
2620	HPE NFS host agent for RedHat Enterprise Linux(RHEL) Server -7/8	HPE-NFC-host-agent-RHEL-1.1-1.rhel7u9.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.1-1	1.1-1.rhel7u9	更新
2621	HPE NFS host agent for RedHat Enterprise Linux(RHEL) Server -7/8	HPE-NFC-host-agent-RHEL-1.1-1.rhel7u9.x86_64.rpm	-	1.1-1	1.1-1.rhel7u9	更新
2622	HPE NFS host agent for RedHat Enterprise Linux(RHEL) Server -7/8	HPE-NFC-host-agent-RHEL-1.1-1.rhel8u4.x86_64.rpm	HPE Ethernet 25Gb 2-port 640 FLR-SFP28 Adapter	1.1-1	1.1-1.rhel8u4	更新
2623	HPE NFS host agent for RedHat Enterprise Linux(RHEL) Server -7/8	HPE-NFC-host-agent-RHEL-1.1-1.rhel8u4.x86_64.rpm	HPE Ethernet 25Gb 2-port 640SFP28 Adapter	1.1-1	1.1-1.rhel8u4	更新
2624	HPE NFS host agent for RedHat Enterprise Linux(RHEL) Server -7/8	HPE-NFC-host-agent-RHEL-1.1-1.rhel8u4.x86_64.rpm	-	1.1-1	1.1-1.rhel8u4	更新
2625	HPE Utilities Bundle Smart Component for ESXi 6.5	cp047458.zip	-	2021.10.01	2021.10.01	
2626	HPE Utilities Bundle Smart Component for ESXi 6.7	cp050293.zip	-	2022.03.01	2022.03.01	更新
2627	HPE Utilities Bundle Smart Component for ESXi 7.0	cp047396.zip	-	2021.10.01	2021.10.01	

6.3 パッケージの変更内容

Online ROM Flash Component for Linux - OEM System ROM U34

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2021.2 guidance.

Problems Fixed:

- Addressed an issue where the Advanced Memory Protection (AMP) mode was incorrectly forced to Advanced ECC from HPE Fast Fault Tolerant (ADDDC) mode after updating to BIOS 2.60_01-13-2022. Please refer to the ADV-2022-0042 for more information.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides BIOS mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0092, CVE-2021-0093, CVE-2021-0144. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides Authenticated Code Module (ACM) mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0099, CVE-2021-0103, CVE-2021-0107, CVE-2021-0111, CVE-2021-0114, CVE-2021-0115, CVE-2021-0116, CVE-2021-0117, CVE-2021-0118, CVE-2021-0125, CVE-2021-0124. These issues are not unique to Hitachi servers.
- Addressed an issue where the system may not automatically restart due to a hang condition during the boot process after a cold boot when the IPMI Watchdog Timer feature is enabled in the ROM-Based Setup Utility (RBSU).
- Addressed an issue that can result in Corrected Memory Error Threshold Events being logged to the Integrated Management Log (IML) incorrectly. The system monitors corrected memory errors and notifies the user via a Corrected Memory Error Threshold Event when action is recommended due to an increased risk of an uncorrected memory error. Previous versions of the System ROM may log a Corrected Memory Error Threshold Event in cases where the system is not at an increased risk of an uncorrected memory error. It is strongly recommended that the System ROM be updated to this version or later before replacing DIMMs due to Corrected Memory Error Threshold Events.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerabilities documented as CVE-2021-0157. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-0562. The Intel microcode patch included in this release is version 0x05003208 (CPUID 50567). These issues impacts 2nd Generation Intel Xeon Scalable Processors. They does NOT impact 1st Generation Intel Xeon Scalable Processors. These issues are not unique to Hitachi servers.
- Addressed an issue where servers with an HPE NS204i-p OS Boot Device may shutdown and log a "System Overheating" error message 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.2021.2 guidance.

Problems Fixed:

- Addressed an issue where the Advanced Memory Protection (AMP) mode was incorrectly forced to Advanced ECC from HPE Fast Fault Tolerant (ADDDC) mode after updating to BIOS 2.60_01-13-2022. Please refer to the ADV-2022-0042 for more information.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides BIOS mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0092, CVE-2021-0093, CVE-2021-0144. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides Authenticated Code Module (ACM) mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0099, CVE-2021-0103, CVE-2021-0107, CVE-2021-0111, CVE-2021-0114, CVE-2021-0115, CVE-2021-0116, CVE-2021-0117, CVE-2021-0118, CVE-2021-0125, CVE-2021-0124. These issues are not unique to Hitachi servers.
- Addressed an issue where the system may not automatically restart due to a hang condition during the boot process after a cold boot when the IPMI Watchdog Timer feature is enabled in the ROM-Based Setup Utility (RBSU).
- Addressed an issue that can result in Corrected Memory Error Threshold Events being logged to the Integrated Management Log (IML) incorrectly. The system monitors corrected memory errors and notifies the user via a Corrected Memory Error Threshold Event when action is recommended due to an increased risk of an uncorrected memory error. Previous versions of the System ROM may log a Corrected Memory Error Threshold Event in cases where the system is not at an increased risk of an uncorrected memory error. It is strongly recommended that the System ROM be updated to this version or later before replacing DIMMs due to Corrected Memory Error Threshold Events.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerabilities documented as CVE-2021-0157. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-0562. The Intel microcode patch included in this release is version 0x05003208 (CPUID 50567). These issues impacts 2nd Generation Intel Xeon Scalable Processors. They does NOT impact 1st Generation Intel Xeon Scalable Processors. These issues are not unique to Hitachi servers.
- Addressed an issue where servers with an HPE NS204i-p OS Boot Device may shutdown and log a "System Overheating" error message 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.2021.2 guidance.

Problems Fixed:

- Addressed an issue where the Advanced Memory Protection (AMP) mode was incorrectly forced to Advanced ECC from HPE Fast Fault Tolerant (ADDDC) mode after updating to BIOS 2.60_01-13-2022. Please refer to the ADV-2022-0042 for more information.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides BIOS mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0092, CVE-2021-0093, CVE-2021-0144. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides Authenticated Code Module (ACM) mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0099, CVE-2021-0103, CVE-2021-0107, CVE-2021-0111, CVE-2021-0114, CVE-2021-0115, CVE-2021-0116, CVE-2021-0117, CVE-2021-0118, CVE-2021-0125, CVE-2021-0124. These issues are not unique to Hitachi servers.
- Addressed an issue where the system may not automatically restart due to a hang condition during the boot process after a cold boot when the IPMI Watchdog Timer feature is enabled in the ROM-Based Setup Utility (RBSU).
- Addressed an issue that can result in Corrected Memory Error Threshold Events being logged to the Integrated Management Log (IML) incorrectly. The system monitors corrected memory errors and notifies the user via a Corrected Memory Error Threshold Event when action is recommended due to an increased risk of an uncorrected memory error. Previous versions of the System ROM may log a Corrected Memory Error Threshold Event in cases where the system is not at an increased risk of an uncorrected memory error. It is strongly recommended that the System ROM be updated to this version or later before replacing DIMMs due to Corrected Memory Error Threshold Events.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerabilities documented as CVE-2021-0157. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-0562. The Intel microcode patch included in this release is version 0x05003208 (CPUID 50567). These issues impacts 2nd Generation Intel Xeon Scalable Processors. They does NOT impact 1st Generation Intel Xeon Scalable Processors. These issues are not unique to Hitachi servers.
- Addressed an issue where servers with an HPE NS204i-p OS Boot Device may shutdown and log a "System Overheating" error message 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.2021.2 guidance.

Problems Fixed:

- Addressed an issue where the Advanced Memory Protection (AMP) mode was incorrectly forced to

Advanced ECC from HPE Fast Fault Tolerant (ADDDC) mode after updating to BIOS 2.60_01-13-2022. Please refer to the ADV-2022-0042 for more information.

- This revision of the System ROM includes Intel Platform Update 2021.2. It provides BIOS mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0092, CVE-2021-0093, CVE-2021-0144. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides Authenticated Code Module (ACM) mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0099, CVE-2021-0103, CVE-2021-0107, CVE-2021-0111, CVE-2021-0114, CVE-2021-0115, CVE-2021-0116, CVE-2021-0117, CVE-2021-0118, CVE-2021-0125, CVE-2021-0124. These issues are not unique to Hitachi servers.
- Addressed an issue where the system may not automatically restart due to a hang condition during the boot process after a cold boot when the IPMI Watchdog Timer feature is enabled in the ROM-Based Setup Utility (RBSU).
- Addressed an issue that can result in Corrected Memory Error Threshold Events being logged to the Integrated Management Log (IML) incorrectly. The system monitors corrected memory errors and notifies the user via a Corrected Memory Error Threshold Event when action is recommended due to an increased risk of an uncorrected memory error. Previous versions of the System ROM may log a Corrected Memory Error Threshold Event in cases where the system is not at an increased risk of an uncorrected memory error. It is strongly recommended that the System ROM be updated to this version or later before replacing DIMMs due to Corrected Memory Error Threshold Events.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerabilities documented as CVE-2021-0157. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-0562. The Intel microcode patch included in this release is version 0x05003208 (CPUID 50567). These issues impacts 2nd Generation Intel Xeon Scalable Processors. They does NOT impact 1st Generation Intel Xeon Scalable Processors. These issues are not unique to Hitachi servers.
- Addressed an issue where servers with an HPE NS204i-p OS Boot Device may shutdown and log a "System Overheating" error message 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.2021.2 guidance.

Problems Fixed:

- This revision of the System ROM includes Intel Platform Update 2021.2 which provides mitigations for security vulnerabilities CVE-2021-0092, CVE-2021-0127, CVE-2021-0156 and CVE-2021-0157. These issues are not unique to HPE servers.
- Fixed an issue where system boot mode changed to Legacy mode from UEFI mode after IP flash complete and system may hang when entering IP after setting to UEFI mode.

- This revision of the System ROM includes the latest revision of the Intel IPU 2021.2 which provides mitigations for BIOS advisories and security vulnerabilities documented as CVE-2021-0157. These security vulnerabilities are documented in the CVE report site. This issue is not unique to Hitachi servers.

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.2021.2 guidance.

Problems Fixed:

- This revision of the System ROM includes Intel Platform Update 2021.2 which provides mitigations for security vulnerabilities CVE-2021-0092, CVE-2021-0127, CVE-2021-0156 and CVE-2021-0157. These issues are not unique to HPE servers.
- Fixed an issue where system boot mode changed to Legacy mode from UEFI mode after IP flash complete and system may hang when entering IP after setting to UEFI mode.
- This revision of the System ROM includes the latest revision of the Intel IPU 2021.2 which provides mitigations for BIOS advisories and security vulnerabilities documented as CVE-2021-0157. These security vulnerabilities are documented in the CVE report site. This issue is not unique to Hitachi servers.

Online ROM Flash Component for Linux - OEM System ROM U46

Problems Fixed:

- Changed the behavior of Restore Manufacturing Defaults from restoring the settings for UEFI, NICs and RAID cards to UEFI only.
- Addressed an issue where if the administrator password and power-on password are set, after clearing power-on password, administrator password is also cleared.
- Addressed an issue where the systems with HPE NS204i-p NVMe OS Boot Device may shut down intermittently and may log the following System Overheating message in the Integrated Management Log (IML): "System Overheating (Temperature Sensor 47, Location I/O Board, Temperature61) ACTION:Check fans, processor heat sink and air baffles installation."
- Addressed an issue where the system may not automatically restart due to a hang condition during the boot process after a cold boot when the IPMI Watchdog Timer feature is enabled in the ROM-Based Setup Utility (RBSU).
- Addressed an issue that can result in Corrected Memory Error Threshold Events being logged to the Integrated Management Log (IML) incorrectly. The system monitors corrected memory errors and notifies the user via a Corrected Memory Error Threshold Event when action is recommended due to an increased risk of an uncorrected memory error. Previous versions of the System ROM may log a Corrected Memory Error Threshold Event in cases where the system is not at an increased risk of an uncorrected memory error. It is strongly recommended that the System ROM be updated to this version or later before replacing DIMMs due to Corrected Memory Error Threshold Events.

- Addressed an issue where I/O devices accessing memory during heavy workloads with Intel Optane Persistent Memory 200 Series installed can experience slow response times, resulting in completion timeout errors on the I/O device. This can result in a Blue Screen in Windows, a kernel panic in Linux, or a Purple Screen in VMWare.

Online ROM Flash Component for Windows x64 - OEM System ROM U34

Important Note!

- This version of the System ROM contains updates aligned with the Intel Product Update (IPU) version IPU.2021.2 guidance.

Problems Fixed:

- Addressed an issue where the Advanced Memory Protection (AMP) mode was incorrectly forced to Advanced ECC from HPE Fast Fault Tolerant (ADDDC) mode after updating to BIOS 2.60_01-13-2022. Please refer to the ADV-2022-0042 for more information.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides BIOS mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0092, CVE-2021-0093, CVE-2021-0144. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides Authenticated Code Module (ACM) mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0099, CVE-2021-0103, CVE-2021-0107, CVE-2021-0111, CVE-2021-0114, CVE-2021-0115, CVE-2021-0116, CVE-2021-0117, CVE-2021-0118, CVE-2021-0125, CVE-2021-0124. These issues are not unique to Hitachi servers.
- Addressed an issue where the system may not automatically restart due to a hang condition during the boot process after a cold boot when the IPMI Watchdog Timer feature is enabled in the ROM-Based Setup Utility (RBSU).
- Addressed an issue that can result in Corrected Memory Error Threshold Events being logged to the Integrated Management Log (IML) incorrectly. The system monitors corrected memory errors and notifies the user via a Corrected Memory Error Threshold Event when action is recommended due to an increased risk of an uncorrected memory error. Previous versions of the System ROM may log a Corrected Memory Error Threshold Event in cases where the system is not at an increased risk of an uncorrected memory error. It is strongly recommended that the System ROM be updated to this version or later before replacing DIMMs due to Corrected Memory Error Threshold Events.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerabilities documented as CVE-2021-0157. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-0562. The Intel microcode patch included in this release is version 0x05003208 (CPUID 50567). These issues impacts 2nd Generation Intel Xeon Scalable Processors. They does NOT impact 1st Generation Intel Xeon Scalable Processors. These issues are not unique to Hitachi servers.
- Addressed an issue where servers with an HPE NS204i-p OS Boot Device may shutdown and log a "System Overheating" error message 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.2021.2 guidance.

Problems Fixed:

- Addressed an issue where the Advanced Memory Protection (AMP) mode was incorrectly forced to Advanced ECC from HPE Fast Fault Tolerant (ADDDC) mode after updating to BIOS 2.60_01-13-2022. Please refer to the ADV-2022-0042 for more information.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides BIOS mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0092, CVE-2021-0093, CVE-2021-0144. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides Authenticated Code Module (ACM) mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0099, CVE-2021-0103, CVE-2021-0107, CVE-2021-0111, CVE-2021-0114, CVE-2021-0115, CVE-2021-0116, CVE-2021-0117, CVE-2021-0118, CVE-2021-0125, CVE-2021-0124. These issues are not unique to Hitachi servers.
- Addressed an issue where the system may not automatically restart due to a hang condition during the boot process after a cold boot when the IPMI Watchdog Timer feature is enabled in the ROM-Based Setup Utility (RBSU).
- Addressed an issue that can result in Corrected Memory Error Threshold Events being logged to the Integrated Management Log (IML) incorrectly. The system monitors corrected memory errors and notifies the user via a Corrected Memory Error Threshold Event when action is recommended due to an increased risk of an uncorrected memory error. Previous versions of the System ROM may log a Corrected Memory Error Threshold Event in cases where the system is not at an increased risk of an uncorrected memory error. It is strongly recommended that the System ROM be updated to this version or later before replacing DIMMs due to Corrected Memory Error Threshold Events.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerabilities documented as CVE-2021-0157. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-0562. The Intel microcode patch included in this release is version 0x05003208 (CPUID 50567). These issues impacts 2nd Generation Intel Xeon Scalable Processors. They does NOT impact 1st Generation Intel Xeon Scalable Processors. These issues are not unique to Hitachi servers.
- Addressed an issue where servers with an HPE NS204i-p OS Boot Device may shutdown and log a "System Overheating" error message 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.2021.2 guidance.

Problems Fixed:

- Addressed an issue where the Advanced Memory Protection (AMP) mode was incorrectly forced to Advanced ECC from HPE Fast Fault Tolerant (ADDDC) mode after updating to BIOS 2.60_01-13-2022. Please refer to the ADV-2022-0042 for more information.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides BIOS mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0092, CVE-2021-0093, CVE-2021-0144. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides Authenticated Code Module (ACM) mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0099, CVE-2021-0103, CVE-2021-0107, CVE-2021-0111, CVE-2021-0114, CVE-2021-0115, CVE-2021-0116, CVE-2021-0117, CVE-2021-0118, CVE-2021-0125, CVE-2021-0124. These issues are not unique to Hitachi servers.
- Addressed an issue where the system may not automatically restart due to a hang condition during the boot process after a cold boot when the IPMI Watchdog Timer feature is enabled in the ROM-Based Setup Utility (RBSU).
- Addressed an issue that can result in Corrected Memory Error Threshold Events being logged to the Integrated Management Log (IML) incorrectly. The system monitors corrected memory errors and notifies the user via a Corrected Memory Error Threshold Event when action is recommended due to an increased risk of an uncorrected memory error. Previous versions of the System ROM may log a Corrected Memory Error Threshold Event in cases where the system is not at an increased risk of an uncorrected memory error. It is strongly recommended that the System ROM be updated to this version or later before replacing DIMMs due to Corrected Memory Error Threshold Events.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerabilities documented as CVE-2021-0157. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-0562. The Intel microcode patch included in this release is version 0x05003208 (CPUID 50567). These issues impacts 2nd Generation Intel Xeon Scalable Processors. They does NOT impact 1st Generation Intel Xeon Scalable Processors. These issues are not unique to Hitachi servers.
- Addressed an issue where servers with an HPE NS204i-p OS Boot Device may shutdown and log a "System Overheating" error message 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.2021.2 guidance.

Problems Fixed:

- Addressed an issue where the Advanced Memory Protection (AMP) mode was incorrectly forced to

Advanced ECC from HPE Fast Fault Tolerant (ADDDC) mode after updating to BIOS 2.60_01-13-2022. Please refer to the ADV-2022-0042 for more information.

- This revision of the System ROM includes Intel Platform Update 2021.2. It provides BIOS mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0092, CVE-2021-0093, CVE-2021-0144. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides Authenticated Code Module (ACM) mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0099, CVE-2021-0103, CVE-2021-0107, CVE-2021-0111, CVE-2021-0114, CVE-2021-0115, CVE-2021-0116, CVE-2021-0117, CVE-2021-0118, CVE-2021-0125, CVE-2021-0124. These issues are not unique to Hitachi servers.
- Addressed an issue where the system may not automatically restart due to a hang condition during the boot process after a cold boot when the IPMI Watchdog Timer feature is enabled in the ROM-Based Setup Utility (RBSU).
- Addressed an issue that can result in Corrected Memory Error Threshold Events being logged to the Integrated Management Log (IML) incorrectly. The system monitors corrected memory errors and notifies the user via a Corrected Memory Error Threshold Event when action is recommended due to an increased risk of an uncorrected memory error. Previous versions of the System ROM may log a Corrected Memory Error Threshold Event in cases where the system is not at an increased risk of an uncorrected memory error. It is strongly recommended that the System ROM be updated to this version or later before replacing DIMMs due to Corrected Memory Error Threshold Events.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerabilities documented as CVE-2021-0157. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-0562. The Intel microcode patch included in this release is version 0x05003208 (CPUID 50567). These issues impacts 2nd Generation Intel Xeon Scalable Processors. They does NOT impact 1st Generation Intel Xeon Scalable Processors. These issues are not unique to Hitachi servers.
- Addressed an issue where servers with an HPE NS204i-p OS Boot Device may shutdown and log a "System Overheating" error message 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.2021.2 guidance.

Problems Fixed:

- This revision of the System ROM includes Intel Platform Update 2021.2 which provides mitigations for security vulnerabilities CVE-2021-0092, CVE-2021-0127, CVE-2021-0156 and CVE-2021-0157. These issues are not unique to HPE servers.
- Fixed an issue where system boot mode changed to Legacy mode from UEFI mode after IP flash complete and system may hang when entering IP after setting to UEFI mode.

- This revision of the System ROM includes the latest revision of the Intel IPU 2021.2 which provides mitigations for BIOS advisories and security vulnerabilities documented as CVE-2021-0157. These security vulnerabilities are documented in the CVE report site. This issue is not unique to Hitachi servers.

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.2021.2 guidance.

Problems Fixed:

- This revision of the System ROM includes Intel Platform Update 2021.2 which provides mitigations for security vulnerabilities CVE-2021-0092, CVE-2021-0127, CVE-2021-0156 and CVE-2021-0157. These issues are not unique to HPE servers.
- Fixed an issue where system boot mode changed to Legacy mode from UEFI mode after IP flash complete and system may hang when entering IP after setting to UEFI mode.
- This revision of the System ROM includes the latest revision of the Intel IPU 2021.2 which provides mitigations for BIOS advisories and security vulnerabilities documented as CVE-2021-0157. These security vulnerabilities are documented in the CVE report site. This issue is not unique to Hitachi servers.

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.2021.2 guidance.

Problems Fixed:

- Addressed an issue where the Advanced Memory Protection (AMP) mode was incorrectly forced to Advanced ECC from HPE Fast Fault Tolerant (ADDDC) mode after updating to BIOS 2.60_01-13-2022. Please refer to the ADV-2022-0042 for more information.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides BIOS mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0092, CVE-2021-0093, CVE-2021-0144. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides Authenticated Code Module (ACM) mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0099, CVE-2021-0103, CVE-2021-0107, CVE-2021-0111, CVE-2021-0114, CVE-2021-0115, CVE-2021-0116, CVE-2021-0117, CVE-2021-0118, CVE-2021-0125, CVE-2021-0124. These issues are not unique to Hitachi servers.
- Addressed an issue where the system may not automatically restart due to a hang condition during the boot process after a cold boot when the IPMI Watchdog Timer feature is enabled in the ROM-Based

Setup Utility (RBSU).

- Addressed an issue that can result in Corrected Memory Error Threshold Events being logged to the Integrated Management Log (IML) incorrectly. The system monitors corrected memory errors and notifies the user via a Corrected Memory Error Threshold Event when action is recommended due to an increased risk of an uncorrected memory error. Previous versions of the System ROM may log a Corrected Memory Error Threshold Event in cases where the system is not at an increased risk of an uncorrected memory error. It is strongly recommended that the System ROM be updated to this version or later before replacing DIMMs due to Corrected Memory Error Threshold Events.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerabilities documented as CVE-2021-0157. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-0562. The Intel microcode patch included in this release is version 0x05003208 (CPUID 50567). These issues impacts 2nd Generation Intel Xeon Scalable Processors. They does NOT impact 1st Generation Intel Xeon Scalable Processors. These issues are not unique to Hitachi servers.
- Addressed an issue where servers with an HPE NS204i-p OS Boot Device may shutdown and log a "System Overheating" error message 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.2021.2 guidance.

Problems Fixed:

- Addressed an issue where the Advanced Memory Protection (AMP) mode was incorrectly forced to Advanced ECC from HPE Fast Fault Tolerant (ADDDC) mode after updating to BIOS 2.60_01-13-2022. Please refer to the ADV-2022-0042 for more information.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides BIOS mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0092, CVE-2021-0093, CVE-2021-0144. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides Authenticated Code Module (ACM) mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0099, CVE-2021-0103, CVE-2021-0107, CVE-2021-0111, CVE-2021-0114, CVE-2021-0115, CVE-2021-0116, CVE-2021-0117, CVE-2021-0118, CVE-2021-0125, CVE-2021-0124. These issues are not unique to Hitachi servers.
- Addressed an issue where the system may not automatically restart due to a hang condition during the boot process after a cold boot when the IPMI Watchdog Timer feature is enabled in the ROM-Based Setup Utility (RBSU).
- Addressed an issue that can result in Corrected Memory Error Threshold Events being logged to the Integrated Management Log (IML) incorrectly. The system monitors corrected memory errors and notifies the user via a Corrected Memory Error Threshold Event when action is recommended due to an

increased risk of an uncorrected memory error. Previous versions of the System ROM may log a Corrected Memory Error Threshold Event in cases where the system is not at an increased risk of an uncorrected memory error. It is strongly recommended that the System ROM be updated to this version or later before replacing DIMMs due to Corrected Memory Error Threshold Events.

- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerabilities documented as CVE-2021-0157. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-0562. The Intel microcode patch included in this release is version 0x05003208 (CPUID 50567). These issues impacts 2nd Generation Intel Xeon Scalable Processors. They does NOT impact 1st Generation Intel Xeon Scalable Processors. These issues are not unique to Hitachi servers.
- Addressed an issue where servers with an HPE NS204i-p OS Boot Device may shutdown and log a "System Overheating" error message in the Integrated Management Log (IML).

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.2021.2 guidance.

Problems Fixed:

- Addressed an issue where the Advanced Memory Protection (AMP) mode was incorrectly forced to Advanced ECC from HPE Fast Fault Tolerant (ADDDC) mode after updating to BIOS 2.60_01-13-2022. Please refer to the ADV-2022-0042 for more information.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides BIOS mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0092, CVE-2021-0093, CVE-2021-0144. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides Authenticated Code Module (ACM) mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0099, CVE-2021-0103, CVE-2021-0107, CVE-2021-0111, CVE-2021-0114, CVE-2021-0115, CVE-2021-0116, CVE-2021-0117, CVE-2021-0118, CVE-2021-0125, CVE-2021-0124. These issues are not unique to Hitachi servers.
- Addressed an issue where the system may not automatically restart due to a hang condition during the boot process after a cold boot when the IPMI Watchdog Timer feature is enabled in the ROM-Based Setup Utility (RBSU).
- Addressed an issue that can result in Corrected Memory Error Threshold Events being logged to the Integrated Management Log (IML) incorrectly. The system monitors corrected memory errors and notifies the user via a Corrected Memory Error Threshold Event when action is recommended due to an increased risk of an uncorrected memory error. Previous versions of the System ROM may log a Corrected Memory Error Threshold Event in cases where the system is not at an increased risk of an uncorrected memory error. It is strongly recommended that the System ROM be updated to this version or later before replacing DIMMs due to Corrected Memory Error Threshold Events.

- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerabilities documented as CVE-2021-0157. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-0562. The Intel microcode patch included in this release is version 0x05003208 (CPUID 50567). These issues impacts 2nd Generation Intel Xeon Scalable Processors. They does NOT impact 1st Generation Intel Xeon Scalable Processors. These issues are not unique to Hitachi servers.
- Addressed an issue where servers with an HPE NS204i-p OS Boot Device may shutdown and log a "System Overheating" error message 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.2021.2 guidance.

Problems Fixed:

- Addressed an issue where the Advanced Memory Protection (AMP) mode was incorrectly forced to Advanced ECC from HPE Fast Fault Tolerant (ADDDC) mode after updating to BIOS 2.60_01-13-2022. Please refer to the ADV-2022-0042 for more information.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides BIOS mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0092, CVE-2021-0093, CVE-2021-0144. These issues are not unique to Hitachi servers.
- This revision of the System ROM includes Intel Platform Update 2021.2. It provides Authenticated Code Module (ACM) mitigations for security vulnerabilities documented as INTEL-SA-00527 (2/8) for CVE-2021-0099, CVE-2021-0103, CVE-2021-0107, CVE-2021-0111, CVE-2021-0114, CVE-2021-0115, CVE-2021-0116, CVE-2021-0117, CVE-2021-0118, CVE-2021-0125, CVE-2021-0124. These issues are not unique to Hitachi servers.
- Addressed an issue where the system may not automatically restart due to a hang condition during the boot process after a cold boot when the IPMI Watchdog Timer feature is enabled in the ROM-Based Setup Utility (RBSU).
- Addressed an issue that can result in Corrected Memory Error Threshold Events being logged to the Integrated Management Log (IML) incorrectly. The system monitors corrected memory errors and notifies the user via a Corrected Memory Error Threshold Event when action is recommended due to an increased risk of an uncorrected memory error. Previous versions of the System ROM may log a Corrected Memory Error Threshold Event in cases where the system is not at an increased risk of an uncorrected memory error. It is strongly recommended that the System ROM be updated to this version or later before replacing DIMMs due to Corrected Memory Error Threshold Events.
- This revision of the System ROM includes the latest revision of the Intel microcode which provides mitigations for security vulnerabilities documented as CVE-2021-0157. These security vulnerabilities are documented in Intel Security Advisory INTEL-SA-0562. The Intel microcode patch included in this release is version 0x05003208 (CPUID 50567). These issues impacts 2nd Generation Intel Xeon Scalable

Processors. They does NOT impact 1st Generation Intel Xeon Scalable Processors. These issues are not unique to Hitachi servers.

- Addressed an issue where servers with an HPE NS204i-p OS Boot Device may shutdown and log a "System Overheating" error message 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.2021.2 guidance.

Problems Fixed:

- This revision of the System ROM includes Intel Platform Update 2021.2 which provides mitigations for security vulnerabilities CVE-2021-0092, CVE-2021-0127, CVE-2021-0156 and CVE-2021-0157. These issues are not unique to HPE servers.
- Fixed an issue where system boot mode changed to Legacy mode from UEFI mode after IP flash complete and system may hang when entering IP after setting to UEFI mode.
- This revision of the System ROM includes the latest revision of the Intel IPU 2021.2 which provides mitigations for BIOS advisories and security vulnerabilities documented as CVE-2021-0157. These security vulnerabilities are documented in the CVE report site. This issue is not unique to Hitachi servers.

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.2021.2 guidance.

Problems Fixed:

- This revision of the System ROM includes Intel Platform Update 2021.2 which provides mitigations for security vulnerabilities CVE-2021-0092, CVE-2021-0127, CVE-2021-0156 and CVE-2021-0157. These issues are not unique to HPE servers.
- Fixed an issue where system boot mode changed to Legacy mode from UEFI mode after IP flash complete and system may hang when entering IP after setting to UEFI mode.
- This revision of the System ROM includes the latest revision of the Intel IPU 2021.2 which provides mitigations for BIOS advisories and security vulnerabilities documented as CVE-2021-0157. These security vulnerabilities are documented in the CVE report site. This issue is not unique to Hitachi servers.

Online ROM Flash Component for Windows x64 - System ROM U46

Online ROM Flash Component for Linux - OEM System ROM U46

Problems Fixed:

- Changed the behavior of Restore Manufacturing Defaults from restoring the settings for UEFI, NICs and RAID cards to UEFI only.
- Addressed an issue where if the administrator password and power-on password are set, after clearing power-on password, administrator password is also cleared.
- Addressed an issue where the systems with HPE NS204i-p NVMe OS Boot Device may shut down intermittently and may log the following System Overheating message in the Integrated Management Log (IML): "System Overheating (Temperature Sensor 47, Location I/O Board, Temperature61) ACTION:Check fans, processor heat sink and air baffles installation."
- Addressed an issue where the system may not automatically restart due to a hang condition during the boot process after a cold boot when the IPMI Watchdog Timer feature is enabled in the ROM-Based Setup Utility (RBSU).
- Addressed an issue that can result in Corrected Memory Error Threshold Events being logged to the Integrated Management Log (IML) incorrectly. The system monitors corrected memory errors and notifies the user via a Corrected Memory Error Threshold Event when action is recommended due to an increased risk of an uncorrected memory error. Previous versions of the System ROM may log a Corrected Memory Error Threshold Event in cases where the system is not at an increased risk of an uncorrected memory error. It is strongly recommended that the System ROM be updated to this version or later before replacing DIMMs due to Corrected Memory Error Threshold Events.
- Addressed an issue where I/O devices accessing memory during heavy workloads with Intel Optane Persistent Memory 200 Series installed can experience slow response times, resulting in completion timeout errors on the I/O device. This can result in a Blue Screen in Windows, a kernel panic in Linux, or a Purple Screen in VMWare.

ROM Flash Firmware Package - System ROM U46

Online ROM Flash Component for Linux - OEM System ROM U46

Problems Fixed:

- Changed the behavior of Restore Manufacturing Defaults from restoring the settings for UEFI, NICs and RAID cards to UEFI only.
- Addressed an issue where if the administrator password and power-on password are set, after clearing power-on password, administrator password is also cleared.
- Addressed an issue where the systems with HPE NS204i-p NVMe OS Boot Device may shut down intermittently and may log the following System Overheating message in the Integrated Management Log (IML): "System Overheating (Temperature Sensor 47, Location I/O Board, Temperature61)

ACTION:Check fans, processor heat sink and air baffles installation."

- Addressed an issue where the system may not automatically restart due to a hang condition during the boot process after a cold boot when the IPMI Watchdog Timer feature is enabled in the ROM-Based Setup Utility (RBSU).
- Addressed an issue that can result in Corrected Memory Error Threshold Events being logged to the Integrated Management Log (IML) incorrectly. The system monitors corrected memory errors and notifies the user via a Corrected Memory Error Threshold Event when action is recommended due to an increased risk of an uncorrected memory error. Previous versions of the System ROM may log a Corrected Memory Error Threshold Event in cases where the system is not at an increased risk of an uncorrected memory error. It is strongly recommended that the System ROM be updated to this version or later before replacing DIMMs due to Corrected Memory Error Threshold Events.
- Addressed an issue where I/O devices accessing memory during heavy workloads with Intel Optane Persistent Memory 200 Series installed can experience slow response times, resulting in completion timeout errors on the I/O device. This can result in a Blue Screen in Windows, a kernel panic in Linux, or a Purple Screen in VMWare.

Identifiers for Intel Xeon E-22xx Processor for Microsoft Windows

Version: 10.1.18807.8279 (Recommended)

Fixes

- Fixed version control issues

Identifiers for Intel Xeon E-23xx Processor for Microsoft Windows

Version: 10.1.18807.8279 (Recommended)

Fixes

- Fixed version control issues

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

Version: 10.1.18807.8279 (B) (Recommended)

Fixes

- Fixed version control issues

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

Version: 10.1.18807.8279 (Recommended)

Fixes

- Fixed version control issues

Enhancements

- Modified install time

Broadcom NetXtreme-E Driver for Microsoft Windows Server 2019

Version: 219.0.44.0 (Recommended)

Important Note!

HPE recommends the firmware provided in Broadcom Firmware Package for BCM5741x adapters, version 219.0.144.0 or later, for use with this driver.

Fixes

- This product correct an issue which System was unavailable to the create more then 32 Virtual Functions (VFs) per Virtual Functions (VFs)
- This product correct an issue which BSOD during heavy TX traffic.
- This product correct an issue which driver Initialization failure on Virtual functions
- This product correct an issue which BSOD after updating the inbox driver on Windows 2019.
- This product correct an issue which invalid link speed options on Base-T devices
- This product correct an issue which VF invalid on Windows virtual machines host

Supported Devices and Features

This product supports the following network adapters:

Broadcom NX1 1Gb Driver for Windows Server x64 Editions

Version: 219.0.1.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.5.0 or later, for use with this driver.

Enhancements

Initial version

Supported Devices and Features

This product supports the following network adapters:

- Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE

HPE Broadcom NetXtreme-E Driver for Windows Server 2019

Version: 219.0.44.0 (Recommended)

Important Note!

Fixes

- This product correct an issue which System was unavailable to the create more then 32 Virtual Functions (VFs) per Virtual Functions (VFs)
- This product correct an issue which BSOD during heavy TX traffic.
- This product correct an issue which driver Initialization failure on Virtual functions
- This product correct an issue which BSOD after updating the inbox driver on Windows 2019.

- This product correct an issue which invalid link speed options on Base-T devices
- This product correct an issue which VF invalid on Windows virtual machines host

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 7

Version: 1.10.2-219.0.55.0 (Recommended)

Important Note!

HPE recommends the HPE Broadcom NetXtreme-E Firmware Version, 218.0.259000 or later, for use with this driver.

Fixes

- This product addresses an issue where Receive (RX) packet crash under heavy traffic.
- This product addresses an issue where Virtual Functions (VFs) cannot be configured while the Physical Function (PF) interface is administratively down.
- This product addresses an issue where system crash when driver unloads while firmware reset is in progress.

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 631SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter

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

Version: 1.10.2-219.0.55.0 (Recommended)

Important Note!

HPE recommends the HPE Broadcom NetXtreme-E Firmware Version, 218.0.259000 or later, for use with this driver.

Fixes

- This product addresses an issue where Receive (RX) packet crash under heavy traffic.
- This product addresses an issue where Virtual Functions (VFs) cannot be configured while the Physical Function (PF) interface is administratively down.
- This product addresses an issue where system crash when driver unloads while firmware reset is in progress.

Enhancements

This product now supports Red Hat Enterprise Linux 8 update 4

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 631SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter

HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.5

Version: 2021.09.04 (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, 218.0.259000 or later, for use with this driver.

Enhancements

This product enhances that additional driver input/output control(ioctl) needed to support Firmware reset/error recovery counters.

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

HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7

Version: 2021.09.04 (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 HPE Broadcom NetXtreme-E Firmware Version, 218.0.259000 or later, for use with this driver.

Enhancements

This product enhances that new query for Firmware health data.

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

HPE Broadcom NetXtreme-E Drivers for VMware vSphere 7.0

Version: 2021.09.04 (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 HPE Broadcom NetXtreme-E Firmware Version, 218.0.259000 or later, for use with this driver.

Enhancements

This product enhances that new query for Firmware health data.

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

HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 8

Version: 219.0.8.0 (Recommended)

Prerequisites

HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7, version 1.10.2-219.0.48.0 or later, must be installed before installing this product.

The libibverbs 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 HardWare Resource Manager(HWRM) timeouts observed when firmware undergoes reset in the ethernet interface down state.
- This product addresses an issue where Receive (RX) packet crash under heavy traffic.

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 631SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter

HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 9

Version: 219.0.8.0 (Recommended)

Prerequisites

HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7, version 1.10.2-219.0.48.0 or later, must be installed before installing this product.

The libibverbs 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 HardWare Resource Manager(HWRM) timeouts observed when firmware undergoes reset in the ethernet interface down state.
- This product addresses an issue where Receive (RX) packet crash under heavy traffic.

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 631SFP28 Adapter
- HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter

HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions

Version: 219.0.1.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.5.0 or later, for use with this driver.

Fixes

This product correct an issue which fixes Windows driver causes NMI/RSOD during OS shutdown

Enhancements

This product now supports Microsoft Windows Server 2022.

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: 3.139b-1 (B) (Optional)

Important Note!

HPE recommends the firmware provided in HPE NX1 Broadcom Online Firmware Upgrade Utility for Linux x86_64, version 2.28.0 or later, for use with these drivers.

Enhancements

This product now supports Red Hat Enterprise Linux 8 update 4

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

HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64

Version: 2.17.4-1 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.22.50 or later, for use with these drivers.

Fixes

- This product addresses an issue where double count in `crc_error` and `size_error` counter.
- This product addresses an issue where `ethtool status` triggers a warning due to invalid size on `veb_tc` when `veb-stats` was enabled.
- This product addresses an issue where the kernel error message about PF reset failed.
- This product addresses an issue where the adapter LED is not blinking via `ethtool` command
- This product addresses an issue where physical functions cannot synchronize `tpid` setting
- This product addresses an issue where Linux kernel problem (kernel Oops) when Virtual Station Interface (VSI) reset.

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 Intel i40e Drivers for Red Hat Enterprise Linux 8

Version: 2.17.4-1 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.22.50 or later, for use with these drivers.

Fixes

- This product addresses an issue where double count in `crc_error` and `size_error` counter.
- This product addresses an issue where `ethtool status` triggers a warning due to invalid size on `veb_tc` when `veb-stats` was enabled.
- This product addresses an issue where the kernel error message about PF reset failed.
- This product addresses an issue where the adapter LED is not blinking via `ethtool` command
- This product addresses an issue where physical functions cannot synchronize `tpid` setting
- This product addresses an issue where Linux kernel problem (kernel Oops) when Virtual Station Interface (VSI) reset.

Enhancements

This product now supports Red Hat Enterprise Linux 8 update 4

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 Intel i40ea Driver for Windows Server 2016

Version: 1.16.62.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.5.50 or later, for use with this driver.

Enhancements

This product is updated to maintain compatibility with updated Windows installation library i40eamsg.dll.

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 2019

Version: 1.16.62.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.5.50 or later, for use with this driver.

Enhancements

This product is updated to maintain compatibility with updated Windows installation library i40eamsg.dll.

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 2016

Version: 1.16.62.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.5.50 or later, for use with this driver.

Enhancements

This product is updated to maintain compatibility with updated Windows installation library i40ebmsg.dll.

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 2019

Version: 1.16.62.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.5.50 or later, for use with this driver.

Enhancements

This product is updated to maintain compatibility with updated Windows installation library i40ebmsg.dll.

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 6.5

Version: 2021.12.00 (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 CP0xxxx.xml file.

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for VMware, version 3.15.50 or later, for use with this driver.

Fixes

This product corrects an issue where PSOD when drivers loading.

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 Intel i40en Driver for VMware vSphere 6.7

Version: 2021.12.00 (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 3.15.50 or later, for use with this driver.

Fixes

This product corrects an issue where PSOD when drivers loading.

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 Intel i40en Driver for VMware vSphere 7.0

Version: 2021.12.00 (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 3.15.50 or later, for use with this driver.

Fixes

This product corrects an issue where PSOD when drivers loading.

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 Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64

Version: 6.8.5-2 (Recommended)

Fixes

This product fix an issue where the firmware update fail on Linux

Supported Devices and Features

These drivers support the following Intel network adapters:

- HPE Ethernet 1Gb 2-port 361T Adapter

- HPE Ethernet 1Gb 4-port 366FLR Adapter
- HPE Ethernet 1Gb 4-port 366T Adapter

HPE Intel igb Drivers for Red Hat Enterprise Linux 8

Version: 6.8.5-2 (Recommended)

Fixes

This product fix an issue where the firmware update fail on Linux

Supported Devices and Features

These drivers support the following Intel network adapters:

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

HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 7 x86_64

Version: 5.13.4-1 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.22.50 or later, for use with these drivers.

Enhancements

This products enhances the mechanism that enable MDD(Malicious Driver Detection) when SRIOV is disabled.

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 ixgbe Drivers for Red Hat Enterprise Linux 8

Version: 5.13.4-1 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.22.50 or later, for use with these drivers.

Enhancements

- This products enhances the mechanism that enable MDD(Malicious Driver Detection) when SRIOV is disabled.
- This product now supports Red Hat Enterprise Linux 8 update 4

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 6.5

Version: 2021.12.00 (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 3.15.50 or later, for use with this driver.

Fixes

- This product corrects an issue where non-working MAC anti-spoofing
- This product corrects an issue where incorrect values in virtual function counters

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 ixgben Driver for VMware vSphere 6.7

Version: 2021.12.00 (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 3.15.50 or later, for use with this driver.

Fixes

- This product corrects an issue where non-working MAC anti-spoofing
- This product corrects an issue where incorrect values in virtual function counters

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 ixgben Driver for VMware vSphere 7.0

Version: 2021.12.00 (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 3.15.50 or later, for use with this driver.

Fixes

- This product corrects an issue where non-working MAC anti-spoofing
- This product corrects an issue where incorrect values in virtual function counters

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 7 x86_64

Version: 4.13.3-1 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.22.50 or later, for use with these drivers.

Fixes

- This product addresses an issue where potential memory leak
- This product addresses an issue where eXpress Data Path(XDP) frame size calculations.

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 ixgbev Drivers for Red Hat Enterprise Linux 8

Version: 4.13.3-1 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Linux x86_64, version 1.22.50 or later, for use with these drivers.

Fixes

- This product addresses an issue where potential memory leak

- This product addresses an issue where eXpress Data Path(XDP) frame size calculations.

Enhancements

This product now supports Red Hat Enterprise Linux 8 update 4

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 ixv Driver for Windows Server 2016

Version: 4.1.239.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.5.50 or later, for use with this driver.

Enhancements

This product is updated to maintain compatibility with updated Windows installation library NicInIXS.dll and 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 ixv Driver for Windows Server 2019

Version: 4.1.239.0 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.5.0 or later, for use with this driver.

Enhancements

This product is updated to maintain compatibility with updated Windows installation library NicInIXS.dll and 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 Mellanox CX4LX and CX5 Driver for Microsoft Windows Server 2016

Version: 2.80.25134.0 (Recommended)

Fixes

- This product correct an issue which fixed a possible system crash when deleting vPort under Rx traffic.
- This product correct an issue which fixed an issue that allowed the installation process to be completed successfully even though one of the drivers was not updated.
- This product correct an issue which fixed an issue that caused traffic lose and connection closure when TCP Timestamp option (ts-val) is present and the MSB is set together with RSC.

Enhancements

This driver now allows the Event Viewer to overcome an OS limitation related to long names.

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 2019

Version: 2.80.25134.0 (Recommended)

Fixes

- This product correct an issue which fixed a possible system crash when deleting vPort under Rx traffic.
- This product correct an issue which fixed an issue that allowed the installation process to be completed successfully even though one of the drivers was not updated.
- This product correct an issue which fixed an issue that caused traffic lose and connection closure when TCP Timestamp option (ts-val) is present and the MSB is set together with RSC.

Enhancements

This driver now allows the Event Viewer to overcome an OS limitation related to long names.

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 QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 7 x86_64

Version: 8.55.15.0-1 (Recommended)

Important Note!

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

- HPE QLogic FastLinQ Online Firmware Upgrade Utility for Linux x86_64, version 1.20.1 or later.

Enhancements

This product improve error log during error return of rdma memory allocate

Supported Devices and Features

This product supports the following network adapters:

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

Version: 8.55.15.0-1 (Recommended)

Important Note!

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

- HPE QLogic FastLinQ Online Firmware Upgrade Utility for Linux x86_64, version 1.20.1 or later.

Enhancements

This product improve error log during error return of rdma memory allocate

Supported Devices and Features

This product supports the following network adapters:

HPE QLogic FastLinQ 10/25/50 GbE Drivers for Windows Server x64 Editions

Version: 8.58.20.0 (Recommended)

Important Note!

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

- HPE QLogic FastLinQ Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.6.0 or later.

Fixes

This product correct an issue that the system potentially occurred Bugcheck 0xE4 in qenda network driver.

Supported Devices and Features

This product supports the following network adapters:

HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 6.7

Version: 2022.03.23 (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.hp.com webpages, plus an HPE specific CPOxxxx.xml file.

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

- HPE QLogic FastLinQ Online Firmware Upgrade Utility for VMware, version 1.20.1 or later.

Fixes

This product addresses an issue which Virtual Network Adapters is not present on Linux and VMware OS after SR-IOV configuration.

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: 2022.03.23 (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.hp.com webpages, plus an HPE specific CPOxxxx.xml file.

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

- HPE QLogic FastLinQ Online Firmware Upgrade Utility for VMware, version 1.20.1 or later.

Fixes

This product addresses an issue which Virtual Network Adapters is not present on Linux and VMware OS after SR-IOV configuration.

Supported Devices and Features

This product supports the following network adapters:

HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.7

Version: 2022.03.23 (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.hp.com webpages, plus an HPE specific CPOxxxx.xml file.

HPE recommends the firmware provided in HPE QLogic NX2 Online Firmware Upgrade Utility for VMware, version 1.30.0 or later, for use with this driver.

Fixes

This product addresses an issue which PSOD when setting XVLAN environment.

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 10Gb 2-port 530T Adapter
- HPE Ethernet 10Gb 2-port 530SFP+ Adapter
- HPE FlexFabric 10Gb 2-port 533FLR-T Adapter

HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 7.0

Version: 2022.03.23 (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.hp.com webpages, plus an HPE specific CPOxxxxx.xml file.

HPE recommends the firmware provided in HPE QLogic NX2 Online Firmware Upgrade Utility for VMware, version 1.30.0 or later, for use with this driver.

Fixes

This product addresses an issue which PSOD when setting XVLAN environment.

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 10Gb 2-port 530T Adapter
- HPE Ethernet 10Gb 2-port 530SFP+ Adapter
- HPE FlexFabric 10Gb 2-port 533FLR-T Adapter

HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64

Version: 7.15.02-1 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64, version 2.30.0 or later, for use with these drivers.

Fixes

This product fixed the when Widows virtual machine guest over Linux host leads to Firmware asserts

Supported Devices and Features

These drivers support the following network adapters:

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

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

Version: 7.15.02-1 (Recommended)

Important Note!

HPE recommends the firmware provided in HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64, version 2.30.0 or later, for use with these drivers.

Fixes

This product fixed the when Widows virtual machine guest over Linux host leads to Firmware asserts

Enhancements

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 i40ea Driver for Windows Server 2016

Version: 1.16.62.0 (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.5.50 or later, for use with this driver.

Enhancements

This product is updated to maintain compatibility with updated Windows installation library i40eamsg.dll.

Supported Devices and Features

This driver supports the following HPE Intel I40EA network adapters:

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

Intel i40ea Driver for Windows Server 2019

Version: 1.16.62.0 (Recommended)

Important Note!

HPE recommends the firmware provided in Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, version 5.2.5.50 or later, for use with this driver.

Enhancements

This product is updated to maintain compatibility with updated Windows installation library i40eamsg.dll.

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

Mellanox ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 6.5

Version: 2021.04.15 (A) (Recommended)

Important Note!

Known Issues with driver version 4.16.71.1:

- 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
- ECN tunable parameter initialAlphaValue for the Reaction Point protocol cannot be modified.
- ECN statistic counters accumulatorsPeriod and ecnMarkedRocePackets display wrong values and cannot be cleared.
- The hardware can offload only up to 256B of headers.
- There is no traffic between PV and SR-IOV VF connected to different ports on the same NIC. This issue is applicable to ESXi 6.5 & ESXi 6.5 UP1. The issue is solved in ESXi 6.5 UP2.
- 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.

- Geneve options length support is limited to 56B. Received packets with options length bigger than 56B are dropped.
- Running with ConnectX-4/ConnectX-4 Lx older firmware versions, might result in the following internal firmware errors:
 - Device health compromised
 - synd 0x1: firmware internal error
 - extSync 0x94ee
- The 'esxcli mellanox uplink link info -u <vmnic_name>' command reports the 'Auto negotiation' capability always as 'true'.
- Wake-on-LAN does not notify when invalid parameters are provided.
- Nested ESXi might not function properly.
- Device RSS fails to hash traffic to sufficient RX rings with Broadcast traffic.
- In stress condition 'Watchdog' may appear, leading to uplink going up and down.

Fixes

The following issues have been fixed in driver version in 4.16.71.1:

- ConnectX-6 supported up to 100GbE speed link only.
- Live unload of the driver was not supported. Doing so may cause a PSOD if the max_vfs parameter was set.
- The maximum number of established active RDMA connections (QPs) was 5000.
- Setting ETS value to 0 caused WQE timeout.

Enhancements

Changes and New Features in smart component version 2021.04.15(A):

- Added support for the following adapters:
 - Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE (Part Number: P42041-B21)
 - Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE (Part Number: P42041-B21)

New features and changes in version 4.16.71.1:

- Added support for ConnectX-6 Lx devices.
- Scaled support for up to 10K connections over RDMA networks.
- Updated the module parameter "supported_num_ports" default value to 1 to lower memory constraints. Note: The user must set a value corresponding to the amount of ports installed in the system.
- Added "sriov_mc_isolation" module parameter to isolate multicast traffic to SR-IOV interfaces. Default value is OFF.

Supported Devices and Features

HPE Part Number	Device Name	PSID
817749-B21	Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	HP_2690110034
817753-B21	Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	HP_2420110034
872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	HPE0000000009
P06251-B21	Mellanox MCX623105AS-VDAT Ethernet 200Gb 1-port QSFP56 Adapter for HPE	HPE0000000036
P10112-B21	Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	MT_0000000241
P13188-B21	Mellanox MCX512F-ACHT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	MT_0000000416
P23666-B21	Mellanox MCX623105AS-VDAT Ethernet 200Gb 1-port QSFP56 Adapter for HPE	MT_0000000453
P25960-B21	Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	MT_0000000437
P31246-B21	Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	MT_0000000591
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 ConnectX-4, ConnectX-5 and ConnectX-6 "nmlx5_en" Driver Component for VMware ESXi 6.7

Version: 2021.04.15 (A) (Recommended)

Important Note!

Known Issues with driver version 4.17.71.1:

- 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.

- 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 statistic counters accumulatorsPeriod and ecnMarkedRocePackets display wrong values and cannot be cleared.
- ECN tunable parameter initialAlphaValue for the Reaction Point protocol cannot be modified.
- ConnectX-6 Dx speed remains zero after port goes down and reboot is performed.

Workaround: Turn the down and then up again

- When in ENS mode, changing the scheduler to HCLK, may cause traffic loss.
- A PSOD may occur during vMotion over ENS VMK. This issue is pending VMWare investigation.
- During ENS uplink detachment from the ENS DVS, the below error message regarding the queue still being allocated or that the requested queue is not in use may appear. "Driver covers for OS issue and the messages are for information only."
- 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
- ECN tunable parameter initialAlphaValue for the Reaction Point protocol cannot be modified.
- ECN statistic counters accumulatorsPeriod and ecnMarkedRocePackets display wrong values and cannot be cleared.
- The hardware can offload only up to 256B of headers.
- 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.
- The 'esxcli mellanox uplink link info -u <vmnic_name>' command reports the 'Auto negotiation' capability always as 'true'.
- Wake-on-LAN does not notify when invalid parameters are provided.
- Nested ESXi might not function properly.
- Device RSS fails to hash traffic to sufficient RX rings with Broadcast traffic.
- In stress condition 'Watchdog' may appear, leading to uplink going up and down.

Fixes

The following issues have been fixed in driver version in 4.17.71.1:

- SRI-OV was not supported while ENS was enabled.
- Live unload of the driver was not supported. Doing so caused a PSOD if the max_vfs parameter was set.
- The maximum number of established active RDMA connections (QPs) was 5000.
- ENS was not supported in ConnectX-6 Dx adapter cards.
- Setting ETS value to 0 caused WQE timeout.

Enhancements

Changes and New Features in smart component version 2021.04.15(A):

- Added support for the following adapters:
 - Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE (Part Number: P42041-B21)
 - Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE (Part Number: P42041-B21)

New features and changes in driver version 4.17.71.1:

- Added support for ConnectX-6 Lx devices.
- Scaled support for up to 10K connections over RDMA networks.
- Updated the module parameter "supported_num_ports" default value to 1 to lower memory

constraints. Note: The user must set a value corresponding to the amount of ports installed in the system.

- Added "sriov_mc_isolation" module parameter to isolate multicast traffic to SR-IOV interfaces. Default value is OFF.

Supported Devices and Features

HPE Part Number	Device Name	PSID
817749-B21	Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	HP_2690110034
817753-B21	Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	HP_2420110034
872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	HPE0000000009
P06251-B21	Mellanox MCX623105AS-VDAT Ethernet 200Gb 1-port QSFP56 Adapter for HPE	HPE0000000036
P10112-B21	Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	MT_0000000241
P13188-B21	Mellanox MCX512F-ACHT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	MT_0000000416
P23666-B21	Mellanox MCX623105AS-VDAT Ethernet 200Gb 1-port QSFP56 Adapter for HPE	MT_0000000453
P25960-B21	Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	MT_0000000437
P31246-B21	Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	MT_0000000591
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 2016

Version: 2.80.25134.0 (Recommended)

Fixes

- This product corrects an issue which fixed a possible system crash when deleting vPort under Rx traffic.
- This product corrects an issue which fixed an issue that allowed the installation process to be completed successfully even though one of the drivers was not updated.
- This product corrects an issue which fixed an issue that caused traffic lose and connection closure when TCP Timestamp option (ts-val) is present and the MSB is set together with RSC.

Enhancements

This driver now allows the Event Viewer to overcome an OS limitation related to long names.

Supported Devices and Features

This driver supports the following network adapters:

- HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter
- HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter
- HPE Ethernet 100Gb 2-Port QSFP56 MCX623106AS-CDAT Adapter

Mellanox CX5 and CX6DX Driver for Microsoft Windows Server 2019

Version: 2.80.25134.0 (Recommended)

Fixes

- This product corrects an issue which fixed a possible system crash when deleting vPort under Rx traffic.
- This product corrects an issue which fixed an issue that allowed the installation process to be completed successfully even though one of the drivers was not updated.
- This product corrects an issue which fixed an issue that caused traffic lose and connection closure when TCP Timestamp option (ts-val) is present and the MSB is set together with RSC.

Enhancements

This driver now allows the Event Viewer to overcome an OS limitation related to long names.

Supported Devices and Features

This driver supports the following network adapters:

- HPE Ethernet 10/25Gb 2-port SFP28 MCX512F-ACAT Adapter
- HPE Ethernet 10/25Gb 2-port SFP28 MCX562A-ACAI OCP3 Adapter
- HPE Ethernet 100Gb 2-Port QSFP56 MCX623106AS-CDAT Adapter

net-mst kernel module driver component for VMware ESXi 6.5 and 6.7

Version: 2020.11.11 (B) (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 HPE vibsdepot.hpe.com webpage, plus an HPE specific CPXXXX.xml file.

Prerequisites

NA

Enhancements

NMST version 4.12.0.105:

This version adds support for firmware update on all latest Mellanox adapters including ConnectX6, ConnectX6-Dx and ConnectX6-Lx chipsets based adapters.

Supported Devices and Features

HPE Part Number	Device Name	PSID
817749-B21	Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	HP_2690110034

817753-B21	Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	HP_2420110034
872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	HPE000000009
P06251-B21	Mellanox MCX623105AS-VDAT Ethernet 200Gb 1-port QSFP56 Adapter for HPE	HPE000000036
P10112-B21	Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	MT_000000241
P13188-B21	Mellanox MCX512F-ACHT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	MT_000000416
P23666-B21	Mellanox MCX623105AS-VDAT Ethernet 200Gb 1-port QSFP56 Adapter for HPE	MT_000000453
P25960-B21	Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	MT_000000437
P31246-B21	Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	MT_000000591
P42041-B21	Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	MT_000000551
P42044-B21	Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	MT_000000575

net-mst kernel module driver component for VMware ESXi 7.0

Version: 2020.11.11 (B) (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 HPE vibstap.hpe.com webpage, plus an HPE specific CPXXXX.xml file.

Prerequisites

NA

Enhancements

NMST version 4.14.3.3

This version adds support for firmware update on all latest Mellanox adapters including ConnectX6, ConnectX6-Dx and ConnectX6-Lx chipsets based adapters.

Supported Devices and Features

HPE Part Number	Device Name	PSID
817749-B21	Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	HP_2690110034
817753-B21	Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	HP_2420110034

872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	HPE000000009
P06251-B21	Mellanox MCX623105AS-VDAT Ethernet 200Gb 1-port QSFP56 Adapter for HPE	HPE000000036
P10112-B21	Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	MT_000000241
P13188-B21	Mellanox MCX512F-ACHT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	MT_000000416
P23666-B21	Mellanox MCX623105AS-VDAT Ethernet 200Gb 1-port QSFP56 Adapter for HPE	MT_000000453
P25960-B21	Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	MT_000000437
P31246-B21	Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	MT_000000591
P42041-B21	Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	MT_000000551
P42044-B21	Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	MT_000000575

HPE Smart Storage SR100i Gen10 Plus SW RAID Driver for Windows Server 2016 and Windows Server 2019

Version: 106.124.90.1233 (Recommended)

Fixes

- Windows BSOD is observed when a NVMe drive configured with SR1R00i is broken and failed for communication.

HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Microsoft Windows Server 2016

Version: 12.8.351.7 (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 12.8.351.7

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 2019

Version: 12.8.351.7 (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 12.8.351.7

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

Red Hat Enterprise Linux 7 Update 8 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and Mezzanine Host Bus Adapters

Version: 12.8.528.7 (b) (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 12.8.528.7

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

Red Hat Enterprise Linux 7 Update 9 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and Mezzanine Host Bus Adapters

Version: 12.8.528.29 (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 12.8.528.29

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

Red Hat Enterprise Linux 8 Update 4 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and Mezzanine Host Bus Adapters

Version: 12.8.528.7 (c) (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

Added the following support:

- Added support for RHEL 8.4

Updated to driver version 12.8.528.7

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

Language Pack - Japanese

Version: 2.60 (Optional)

Prerequisites

Requires iLO 5 firmware version 1.10 or higher

Fixes

most translation issues are addressed as part of this.

Enhancements

Japanese Language Pack to support iLO5 firmware v2.60

Language Pack - Japanese

Version: 2.60 (Optional)

Fixes

most translation issues are addressed as part of this.

Enhancements

Japanese Language Pack to support iLO5 firmware v2.60

Online ROM Flash Component for Linux - iLO 5

Version: 1.48 (Recommended)

Fixes

- Implemented the set server info command for all the DCi supporting options in previous versions of iLO 5 which may reset NIC settings during iLO 5 update.

Online ROM Flash Component for Linux - iLO 5

Version: 2.65 (Recommended)

Fixes

Initial Build

Online ROM Flash Component for Windows x64 - iLO 5

Version: 1.48 (Recommended)

Fixes

- Implemented the set server info command for all the DCi supporting options in previous versions of iLO 5 which may reset NIC settings during iLO 5 update.
-

Online ROM Flash Component for Windows x64 - iLO 5

Version: 2.65 (Recommended)

Fixes

Initial Build

Enhancements

Initial Build

Online ROM Flash Firmware Package - iLO 5

Version: 1.48 (Recommended)

Fixes

- Implemented the set server info command for all the DCi supporting options in previous versions of iLO 5 which may reset NIC settings during iLO 5 update.
-

Online ROM Flash Firmware Package - iLO 5

Version: 2.65 (Recommended)

Fixes

Initial Build

Enhancements

Initial Build

Broadcom Firmware Package for BCM5741x adapters

Version: 219.0.144.0 (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 219.0.44.0 or later
- HPE Broadcom NetXtreme-E Drivers for Linux, version 1.10.2-219.0.55.0 or later
- HPE Broadcom NetXtreme-E Drivers for VMware, version 2021.09.04 or later

Fixes

- This product addresses an issue where unexpected firmware update failure due to NVM fragmentation.
- This product corrects an issue where the SSID of Broadcom BCM57416 Ethernet 10Gb 2-port BASE-T OCP3 Adapter

Supported Devices and Features

This product supports the following network adapters:

Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64

Version: 2.28.3 (Recommended)

Important Note!

HPE recommends HPE Broadcom tg3 Ethernet Drivers, versions 3.139b 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/

Enhancements

Initial version

Supported Devices and Features

This product supports the following network adapters:

- Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE

Broadcom NX1 Online Firmware Upgrade Utility for VMware

Version: 1.29.3 (Recommended)

Important Note!

This software package contains combo image v20.19.31 with the following firmware versions:

NIC	Boot Code Version	PXE Version	NCSI Version	UEFI Version	CCM Version
BCM 5720 1GbE 2p BASE-T LOM Adptr	1.42	21.6.0	1.5.30	21.6.28	218.0.10.0

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Enhancements

Initial version

Supported Devices and Features

This product supports the following network adapters:

- Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE

Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions

Version: 5.2.5.0 (Recommended)

Important Note!

HPE recommends Broadcom NX1 1Gb Driver for Windows Server x64 Editions, version 219.0.1.0 or later, for use with this firmware.

This software package contains combo image v20.19.31 with the following firmware versions:

NIC	Boot Code Version	PXE Version	NCSI Version	UEFI Version	CCM Version
BCM 5720 1GbE 2p BASE-T LOM Adptr	1.42	21.6.0	1.5.30	21.6.28	218.0.10.0

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Enhancements

Initial version

Supported Devices and Features

This product supports the following network adapters:

- Broadcom BCM5720 Ethernet 1Gb 2-port BASE-T LOM Adapter for HPE

HPE Broadcom NetXtreme-E Firmware Package for BCM5741x adapters

Version: 218.0.303000 (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 Driver for Windows Server, version 219.0.44.0 or later
- HPE Broadcom NetXtreme-E Drivers for Linux, version 1.10.2-219.0.55.0 or later
- HPE Broadcom NetXtreme-E Drivers for VMware, version 2022.03.04 or later

Fixes

- This product addresses an issue a packet missing problem after some amounts of multicast UDP streams transmitted.
- This product addresses an issue the port identifier LED problem on HPE Ethernet 10Gb 2-port 535T Adapter.

Supported Devices and Features

This product supports the following network adapters:

- HPE Ethernet 10Gb 2-port 537SFP+ Adapter
- 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: 2.29.0 (Recommended)

Important Note!

HPE recommends HPE Broadcom tg3 Ethernet Drivers, versions 3.139b or later, for use with this firmware.

Prerequisites

his 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 abnormal reporting on link status of HPE 331i Adapter under IML log.

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: 1.30.0 (Recommended)

Important Note!

This software package contains combo image v20.19.51 with the following firmware versions:

NIC	Boot Code Version	PXE Version	NCSI Version	UEFI Version	CCM Version
HPE Ethernet 1Gb 2-port 330i Adapter	2.1	21.6.0	1.5.33	21.6.28	218.0.10.0

(22BD)					
HPE Ethernet 1Gb 4-port 331i Adapter (22BE) HPE Ethernet 1Gb 4-port 331FLR Adapter HPE Ethernet 1Gb 4-port 331T Adapter	1.46	21.6.0	1.5.33	21.6.28	218.0.10.0
HPE Ethernet 1Gb 2-port 332i Adapter (22E8) HPE Ethernet 1Gb 2-port 332T Adapter	1.42	21.6.0	1.5.33	21.6.28	218.0.10.0

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Fixes

This product addresses an abnormal reporting on link status of HPE 331i Adapter under IML log.

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: 5.2.6.0 (Recommended)

Important Note!

HPE recommends HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions, version 219.0.1.0C or later, for use with this firmware.

This software package contains combo image v20.19.51 with the following firmware versions:

NIC	Boot Code Version	PXE Version	NCSI Version	UEFI Version	CCM Version
HPE Ethernet 1Gb 2-port 330i Adapter (22BD)	2.1	21.6.0	1.5.33	21.6.28	218.0.10.0
HPE Ethernet 1Gb 4-port 331i Adapter (22BE) HPE Ethernet 1Gb 4-port 331FLR Adapter HPE Ethernet 1Gb 4-port 331T Adapter	1.46	21.6.0	1.5.33	21.6.28	218.0.10.0
HPE Ethernet 1Gb 2-port 332i Adapter (22E8) HPE Ethernet 1Gb 2-port 332T Adapter	1.42	21.6.0	1.5.33	21.6.28	218.0.10.0

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Fixes

This product addresses an abnormal reporting on link status of HPE 331i Adapter under IML log.

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: 1.22.50 (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 6.7.2 or later
- HPE Intel ixgbe Drivers for Linux, versions 5.13.4 or later
- HPE Intel i40e Drivers for Linux, versions 2.17.4 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 link flipping is seen with HPE Ethernet 10Gb 2-port 568FLR-MMSFP+ Adapter.
- This product addresses an issue where the link speed isn't consistent with HPE Ethernet 10Gb 2-port 568FLR-MMT Adapter when system shutdown.

Supported Devices and Features

This package supports the following network adapters:

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

HPE Intel Online Firmware Upgrade Utility for VMware

Version: 3.15.50 (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 361T Adapter	80001147	1.3089.0	N/A
HPE Ethernet 1Gb 4-port 366FLR Adapter	80001148	1.3089.0	N/A
HPE Ethernet 1Gb 4-port 366T Adapter	80001146	1.3089.0	N/A
HPE Ethernet 1Gb 4-port 369i Adapter	80003371	1.3089.0	N/A
HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	8000B749	1.3089.0	10.57.2
HPE Ethernet 10Gb 2-port 562FLR-T Adapter	800016F1	1.3089.0	10.55.3
HPE Ethernet 10Gb 2-port 562SFP+ Adapter	8000B748	1.3089.0	10.57.2
HPE Ethernet 10Gb 2-port 562T Adapter	800016EF	1.3089.0	10.55.3

The combo image v1.3089.0 includes: Boot Agent: 1GbE - v1.5.89, 10GbE - v2.4.45, 40GbE - v1.1.31 & UEFI Drivers: 1GbE - v9.7.06, 10GbE - v8.1.00, 40GbE - v4.8.08

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 a 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 link flipping is seen with HPE Ethernet 10Gb 2-port 568FLR-MMSFP+ Adapter.
- This product addresses an issue where the link speed isn't consistent with HPE Ethernet 10Gb 2-port 568FLR-MMT Adapter when system shutdown.

Supported Devices and Features

This package supports the following network adapters:

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

HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions

Version: 5.2.6.0 (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 361T Adapter	80001147	1.3089.0	N/A
HPE Ethernet 1Gb 4-port 366FLR Adapter	80001148	1.3089.0	N/A
HPE Ethernet 1Gb 4-port 366T Adapter	80001146	1.3089.0	N/A
HPE Ethernet 1Gb 4-port 369i Adapter	80003371	1.3089.0	N/A
HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	8000B749	1.3089.0	10.57.2
HPE Ethernet 10Gb 2-port 562FLR-T Adapter	800016F1	1.3089.0	10.55.3
HPE Ethernet 10Gb 2-port 562SFP+ Adapter	8000B748	1.3089.0	10.57.2
HPE Ethernet 10Gb 2-port 562T Adapter	800016EF	1.3089.0	10.55.3

The combo image v1.3089.0 includes: Boot Agent: 1GbE - v1.5.89, 10GbE - v2.4.45, 40GbE - v1.1.31 & UEFI Drivers: 1GbE - v9.7.06, 10GbE - v8.1.00, 40GbE - v4.8.08

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 a 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.

Enhancements

This product is now supported Microsoft Windows Server 2022.

Supported Devices and Features

This package supports the following network adapters:

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

HPE QLogic FastLinQ Firmware Package for Arrowhead adapters

Version: 8.55.27 (B) (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 8.55.14.0-2 or later
- HPE QLogic FastLinQ 10/25/50 GbE Drivers for Microsoft Windows Server x64 Editions, version 8.58.16.0 or later
- HPE QLogic FastLinQ 10/25/50 GbE Multifunction Drivers for VMware, version 2021.09.04 or later

Enhancements

This product adjustment on platforms supported.

Supported Devices and Features

This product supports the following network adapters:

HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64

Version: 2.30.2 (Recommended)

Important Note!

HPE recommends HPE QLogic NX2 10/20GbE Multifunction Drivers for Linux, versions 7.15.02 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/.

Fixes

- This product addresses a cosmetic change in the adapter configuration page to reflect that DCBx is enabled and as long as LLDP is enabled.

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: 1.30.2 (Recommended)

Important Note!

HPE recommends HPE QLogic NX2 10/20GbE Multifunction Drivers for VMware, versions 2022.03.23 or later, for use with this firmware.

This software package contains combo image v7.19.02 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	7.16.05	7.14.13	8.9.2	n/a	n/a	7.14.4	7.12.25
HPE Ethernet 10Gb 2-port 533FLR-T Adapter	7.16.05	7.14.13	8.9.2	7.14.0	7.14.3	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.

Fixes

- This product addresses a cosmetic change in the adapter configuration page to reflect that DCBx is enabled and as long as LLDP is enabled.

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: 5.2.6.0 (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 7.13.206.0 or later

This software package contains combo image v7.19.02 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	7.16.05	7.14.13	8.9.2	n/a	n/a	7.14.4	7.12.25
HPE Ethernet 10Gb 2-port 533FLR-T Adapter	7.16.05	7.14.13	8.9.2	7.14.0	7.14.3	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.

Fixes

- This product addresses the WOL failure on HPE Ethernet 10Gb 2-port 533FLR-T Adapter after shutting down from Windows.
- This product addresses a cosmetic change in the adapter configuration page to reflect that DCBx is enabled and as long as LLDP is enabled.

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: 3.00 (B) (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 1.9.65.0 or later
- Intel ice Drivers for Linux, version 1.6.4-1 or later
- Intel icea Driver for VMware, version 2021.09.04 or later

Fixes

This product corrects an issue which the Operation failed error in POST when Breakout cable connected.

Supported Devices and Features

This product supports the following network adapters:

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

Intel Online Firmware Upgrade Utility for Linux x86_64

Version: 1.23.50 (Recommended)

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 the incorrect translation is seen with Intel Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter.

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: 3.16.50 (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	8000B437	1.3082.0	8.3
HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	8000B735	1.3082.0	8.3
Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter	80001099	1.3082.0	N/A
Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter	80001097	1.3082.0	N/A
Intel(R) I350 Gigabit Network Connection (2-port)	8000108E	1.3082.0	N/A
Intel(R) I350 Gigabit Network Connection (4-port)	8000108F	1.3082.0	N/A

The combo image v1.3082.0 includes: Boot Agent: 1GbE - v1.5.89, Boot Agent I40E - v1.1.31 & UEFI Drivers: 1GbE - v9.7.06, 40 gigabit driver - v4.8.08.

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 the incorrect translation is seen with Intel Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter.

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: 5.2.6.0 (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	8000B437	1.3082.0	8.3
HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	8000B735	1.3082.0	8.3
Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter	80001099	1.3082.0	N/A
Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter	80001097	1.3082.0	N/A
Intel(R) I350 Gigabit Network Connection (2-port)	8000108E	1.3082.0	N/A
Intel(R) I350 Gigabit Network Connection (4-port)	8000108F	1.3082.0	N/A

The combo image v1.3082.0 includes: Boot Agent: 1GbE - v1.5.89, Boot Agent I40E - v1.1.31 & UEFI Drivers: 1GbE - v9.7.06, 40 gigabit driver - v4.8.08.

Prerequisites

This product requires the appropriate driver for your device and operating system be installed before firmware is updated.

Enhancements

This product is now supported Microsoft Windows Server 2022.

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

Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox Ethernet only adapters

Version: 1.0.11 (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 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 16.32.1010:

- 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 link status was reported incorrectly and consequently caused the link to go down due to incorrect definition of the RX_LOS polarity in the INI.
- On rare occasions, the system got into an unresponsive state when a peer port went down while using an Optical module.
- Incorrect RNR timeout when trying to set it during the rts2rts_qp transition.
- The system could not create more than 128K QPs.
- The GetInventory NC-SI command reported leading 0xf in firmware version when it started with 0.
- PCIe lane margining capability issues.

Enhancements

Firmware for the following devices has been updated to 2.42.5044:

- 779799-B21 (HPE Ethernet 10G 2-port 546FLR-SFP+ Adapter)
- 779793-B21 (HPE Ethernet 10G 2-port 546SFP+ Adapter)

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)

Firmware for the following device has been updated to 16.32.1010:

- 874253-B21 (HPE Ethernet 100Gb 1-port 842QSFP28 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 16.32.1010:

- Added a new NvConfig parameter LOG_MAX_QUEUE to set the maximum number of work queue resources (QP, RQ, SQ...) that can be created per function. The default value is 2^17.
- Blocked the VF's ability to use both padding and signature in order to prevent the NIC from getting into an unresponsive state.
- 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.
- Performance improvements in the DCT with AR flow by exposing a hint to the software in DCI software context that indicates that RDMA WRITE on this DCI is not supported.
- Added support for QSHR access register to enable Set and Query rate limit perhost per-port.
- The firmware now exposes a new Software Steering ICM resource for VXLAN encap expand in order for the SW Steering to manage this resource directly.
- Enabled the exposure of new ICM resource to the software steering for VXLAN encapsulation expansion.
- Limited the external loopback speed to the used module's capabilities.
- Improved linkup time when using the fast linkup capability.
- Added support for DSFP AOC (CMIS) v4 when error code is not reported by the module.

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 6.5) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 6.5

Version: 1.0.10 (Recommended)

Fixes

Fixes in version 12.28.2006:

o 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 16.32.1010

- 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 link status was reported incorrectly and consequently caused the link to go down due to incorrect definition of the RX_LOS polarity in the INI.
- The system got into an unresponsive state when a peer port went down while using an Optical module.
- Invalid RNR timeout when trying to set it during the rts2rts_qp transition.
- A fatal assert 0x81C5 occurred when calling get_vport_mad from the MAD APIs. The firmware was trying to compute the number of vPorts using a global function number. To avoid this issue, the API was updated to remove any assumption on the function number. Note: This issue affects only IB devices.
- During events, stress caused the firmware to reset the Arm host of the vPort without sending an event. Thus preventing the software from rearming the vPort as it did not receive any event, and the firmware did not send the event because the vPort had no Arm set.
- The system could not create more than 128K QPs.
- The GetInventory NC-SI command reported leading 0xf in firmware version when it started with 0.
- PCIe lane margining capability issues.
- An issue related to the sl2vl mad that caused a few msec hiccup in the transmission on an InfiniBand network when the SM sent the sl2vl mad to a node in the cluster.

Enhancements

Firmware for the following devices has been updated to 12.28.2006:

- 825110-B21 (HPE InfiniBand EDR/Ethernet 100Gb 1-port 840QSFP28 Adapter)
- 825111-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 840QSFP28 Adapter)

Firmware for the following devices has been updated to 16.32.1010:

- 879482-B21 (HPE InfiniBand FDR/Ethernet 40/50Gb 2-port 547FLR-QSFP Adapter)
- 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 16.32.1010:

- Added support for blocking unwanted GMP classes by dedicated MADs.
- Added a new NvConfig parameter LOG_MAX_QUEUE to set the maximum number of work queue resources (QP, RQ, SQ...) that can be created per function. The default value is 2¹⁷.
- Added a Congestion Control Key to all Congestion Control MADs to authenticate that they are originated from a trusted source.
- Added an SMP firewall to block the option of sending SMPs (MADS sent on QP0 from the Subnet Manager) from unauthorized hosts to prevent fake SMPs from being recognized as the SM.
- Vendor Specific MADs Class 0x9 is no longer supported by the firmware. In case the firmware detects such MAD, the firmware will return a "NOT SUPPORTED" error to the user.
- Blocked the VF's ability to use both padding and signature in order to prevent the NIC from getting into an unresponsive state.
- 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.
- Performance improvements in the DCT with AR flow by exposing a hint to the software in DCI software context that indicates that RDMA WRITE on this DCI is not supported.
- Added support for dynamic timeout mechanism when in InfiniBand mode.
- Added support for QSHR access register to enable Set and Query rate limit perhost per-port.
- The firmware now exposes a new Software Steering ICM resource for VXLAN encap expand in order for the SW Steering to manage this resource directly.
- 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 none zero value.
- Added 2 new MAD access registers to enable mlxlink to read/write access registers by LID (to the whole subnet).
- Enabled the exposure of new ICM resource to the software steering for VXLAN encapsulation expansion.
- Limited the external loopback speed to the used module's capabilities.
- Improved linkup time when using the fast linkup capability.
- Disabled VST on dual port adapter cards when one port is configured as ETH and the other as IB as VST is not available when the port is set as ETH.
- Added support for DSFP AOC (CMIS) v4 when error code is not reported by the module.

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 6.7) for HPE Mellanox Ethernet only adapters

Version: 1.0.7 (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 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 16.32.1010:

- 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 link status was reported incorrectly and consequently caused the link to go down due to incorrect definition of the RX_LOS polarity in the INI.
- On rare occasions, the system got into an unresponsive state when a peer port went down while using an Optical module.
- Incorrect RNR timeout when trying to set it during the rts2rts_qp transition.
- The system could not create more than 128K QPs.
- The GetInventory NC-SI command reported leading 0xf in firmware version when it started with 0.
- PCIe lane margining capability issues.

Enhancements

Firmware for the following devices has been updated to 2.42.5044:

- 779799-B21 (HPE Ethernet 10G 2-port 546FLR-SFP+ Adapter)
- 779793-B21 (HPE Ethernet 10G 2-port 546SFP+ Adapter)

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)

Firmware for the following device has been updated to 16.32.1010:

- 874253-B21 (HPE Ethernet 100Gb 1-port 842QSFP28 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 16.32.1010:

- Added a new NvConfig parameter LOG_MAX_QUEUE to set the maximum number of work queue resources (QP, RQ, SQ...) that can be created per function. The default value is 2^17.
- Blocked the VF's ability to use both padding and signature in order to prevent the NIC from getting into an unresponsive state.
- 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.
- Performance improvements in the DCT with AR flow by exposing a hint to the software in DCI software context that indicates that RDMA WRITE on this DCI is not supported.
- Added support for QSHR access register to enable Set and Query rate limit perhost per-port.
- The firmware now exposes a new Software Steering ICM resource for VXLAN encap expand in order for the SW Steering to manage this resource directly.
- Enabled the exposure of new ICM resource to the software steering for VXLAN encapsulation expansion.
- Limited the external loopback speed to the used module's capabilities.
- Improved linkup time when using the fast linkup capability.
- Added support for DSFP AOC (CMIS) v4 when error code is not reported by the module.

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 6.7) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 6.7

Version: 1.0.6 (Recommended)

Fixes

Fixes in version 12.28.2006:

o 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 16.32.1010

- 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 link status was reported incorrectly and consequently caused the link to go down due to incorrect definition of the RX_LOS polarity in the INI.
- The system got into an unresponsive state when a peer port went down while using an Optical module.
- Invalid RNR timeout when trying to set it during the rts2rts_qp transition.
- A fatal assert 0x81C5 occurred when calling get_vport_mad from the MAD APIs. The firmware was trying to compute the number of vPorts using a global function number. To avoid this issue, the API was updated to remove any assumption on the function number. Note: This issue affects only IB devices.
- During events, stress caused the firmware to reset the Arm host of the vPort without sending an event. Thus, preventing the software from rearming the vPort as it did not receive any event, and the firmware did not send the event because the vPort had no Arm set.
- The system could not create more than 128K QPs.
- The GetInventory NC-SI command reported leading 0xf in firmware version when it started with 0.
- PCIe lane margining capability issues.
- An issue related to the sl2vl mad that caused a few msec hiccup in the transmission on an InfiniBand network when the SM sent the sl2vl mad to a node in the cluster.

Enhancements

Firmware for the following devices has been updated to 12.28.2006:

- 825110-B21 (HPE InfiniBand EDR/Ethernet 100Gb 1-port 840QSFP28 Adapter)
- 825111-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 840QSFP28 Adapter)

Firmware for the following devices has been updated to 16.32.1010:

- 879482-B21 (HPE InfiniBand FDR/Ethernet 40/50Gb 2-port 547FLR-QSFP Adapter)
- 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 16.32.1010:

- Added support for blocking unwanted GMP classes by dedicated MADs.
- Added a new NvConfig parameter LOG_MAX_QUEUE to set the maximum number of work queue resources (QP, RQ, SQ...) that can be created per function. The default value is 2^17.
- Added a Congestion Control Key to all Congestion Control MADs to authenticate that they are originated from a trusted source.
- Added an SMP firewall to block the option of sending SMPs (MADS sent on QP0 from the Subnet Manager) from unauthorized hosts to prevent fake SMPs from being recognized as the SM.
- Vendor Specific MADs Class 0x9 is no longer supported by the firmware. In case the firmware detects such MAD, the firmware will return a "NOT SUPPORTED" error to the user.
- Blocked the VF's ability to use both padding and signature in order to prevent the NIC from getting into an unresponsive state.
- 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.
- Performance improvements in the DCT with AR flow by exposing a hint to the software in DCI software context that indicates that RDMA WRITE on this DCI is not supported.
- Added support for dynamic timeout mechanism when in InfiniBand mode.
- Added support for QSHR access register to enable Set and Query rate limit perhost per-port.
- The firmware now exposes a new Software Steering ICM resource for VXLAN encap expand in order for the SW Steering to manage this resource directly.
- 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 none zero value.
- Added 2 new MAD access registers to enable mlxlink to read/write access registers by LID (to the whole subnet).
- Enabled the exposure of new ICM resource to the software steering for VXLAN encapsulation expansion.
- Limited the external loopback speed to the used module's capabilities.
- Improved linkup time when using the fast linkup capability.
- Disabled VST on dual port adapter cards when one port is configured as ETH and the other as IB as VST is not available when the port is set as ETH.
- Added support for DSFP AOC (CMIS) v4 when error code is not reported by the module.

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 Ethernet only adapters

Version: 1.0.3 (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 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 16.32.1010:

- 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 link status was reported incorrectly and consequently caused the link to go down due to incorrect definition of the RX_LOS polarity in the INI.
- On rare occasions, the system got into an unresponsive state when a peer port went down while using an Optical module.
- Incorrect RNR timeout when trying to set it during the rts2rts_qp transition.
- The system could not create more than 128K QPs.
- The GetInventory NC-SI command reported leading 0xf in firmware version when it started with 0.
- PCIe lane margining capability issues.

Enhancements

Firmware for the following devices has been updated to 2.42.5044:

- 779799-B21 (HPE Ethernet 10G 2-port 546FLR-SFP+ Adapter)
- 779793-B21 (HPE Ethernet 10G 2-port 546SFP+ Adapter)

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)

Firmware for the following device has been updated to 16.32.1010:

- 874253-B21 (HPE Ethernet 100Gb 1-port 842QSFP28 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.

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New features and changes included in version 16.32.1010:

- Added a new NvConfig parameter LOG_MAX_QUEUE to set the maximum number of work queue resources (QP, RQ, SQ...) that can be created per function. The default value is 2¹⁷.
- Blocked the VF's ability to use both padding and signature in order to prevent the NIC from getting into an unresponsive state.
- 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.
- Performance improvements in the DCT with AR flow by exposing a hint to the software in DCI software context that indicates that RDMA WRITE on this DCI is not supported.
- Added support for QSHR access register to enable Set and Query rate limit perhost per-port.
- The firmware now exposes a new Software Steering ICM resource for VXLAN encap expand in order for the SW Steering to manage this resource directly.
- Enabled the exposure of new ICM resource to the software steering for VXLAN encapsulation expansion.
- Limited the external loopback speed to the used module's capabilities.
- Improved linkup time when using the fast linkup capability.

- Added support for DSFP AOC (CMIS) v4 when error code is not reported by the module.

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: 1.0.3 (Recommended)

Fixes

Fixes in version 12.28.2006:

o 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 16.32.1010

- 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 link status was reported incorrectly and consequently caused the link to go down due to incorrect definition of the RX_LOS polarity in the INI.
- The system got into an unresponsive state when a peer port went down while using an Optical module.
- Invalid RNR timeout when trying to set it during the rts2rts_qp transition.
- A fatal assert 0x81C5 occurred when calling get_vport_mad from the MAD APIs. The firmware was trying to compute the number of vPorts using a global function number. To avoid this issue, the API was updated to remove any assumption on the function number. Note: This issue affects only IB devices.
- During events, stress caused the firmware to reset the Arm host of the vPort without sending an event. Thus preventing the software from rearming the vPort as it did not receive any event, and the firmware did not send the event because the vPort had no Arm set.
- The system could not create more than 128K QPs.
- The GetInventory NC-SI command reported leading 0xf in firmware version when it started with 0.
- PCIe lane margining capability issues.
- An issue related to the sl2vl mad that caused a few msec hiccup in the transmission on an InfiniBand network when the SM sent the sl2vl mad to a node in the cluster.

Enhancements

Firmware for the following devices has been updated to 12.28.2006:

- 825110-B21 (HPE InfiniBand EDR/Ethernet 100Gb 1-port 840QSFP28 Adapter)
- 825111-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 840QSFP28 Adapter)

Firmware for the following devices has been updated to 16.32.1010:

- 879482-B21 (HPE InfiniBand FDR/Ethernet 40/50Gb 2-port 547FLR-QSFP Adapter)
- 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 16.32.1010:

- Added support for blocking unwanted GMP classes by dedicated MADs.
- Added a new NvConfig parameter LOG_MAX_QUEUE to set the maximum number of work queue resources (QP, RQ, SQ...) that can be created per function. The default value is 2¹⁷.
- Added a Congestion Control Key to all Congestion Control MADs to authenticate that they are originated from a trusted source.
- Added an SMP firewall to block the option of sending SMPs (MADS sent on QP0 from the Subnet Manager) from unauthorized hosts to prevent fake SMPs from being recognized as the SM.
- Vendor Specific MADs Class 0x9 is no longer supported by the firmware. In case the firmware detects such MAD, the firmware will return a "NOT SUPPORTED" error to the user.
- Blocked the VF's ability to use both padding and signature in order to prevent the NIC from getting into an unresponsive state.
- 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.
- Performance improvements in the DCT with AR flow by exposing a hint to the software in DCI software context that indicates that RDMA WRITE on this DCI is not supported.
- Added support for dynamic timeout mechanism when in InfiniBand mode.
- Added support for QSHR access register to enable Set and Query rate limit perhost per-port.
- The firmware now exposes a new Software Steering ICM resource for VXLAN encap expand in order for the SW Steering to manage this resource directly.
- 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 none zero value.
- Added 2 new MAD access registers to enable mlxlink to read/write access registers by LID (to the whole subnet).
- Enabled the exposure of new ICM resource to the software steering for VXLAN encapsulation expansion.
- Limited the external loopback speed to the used module's capabilities.
- Improved linkup time when using the fast linkup capability.
- Disabled VST on dual port adapter cards when one port is configured as ETH and the other as IB as VST is not available when the port is set as ETH.
- Added support for DSFP AOC (CMIS) v4 when error code is not reported by the module.

Supported Devices and Features

HPE Part Number	Device Name	PSID
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872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	HPE000000009
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Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox Ethernet only adapters

Version: 1.0.16 (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 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 16.32.1010:

- 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 link status was reported incorrectly and consequently caused the link to go down due to incorrect definition of the RX_LOS polarity in the INI.
- On rare occasions, the system got into an unresponsive state when a peer port went down while using an Optical module.
- Incorrect RNR timeout when trying to set it during the rts2rts_qp transition.
- The system could not create more than 128K QPs.
- The GetInventory NC-SI command reported leading 0xf in firmware version when it started with 0.

- PCIe lane margining capability issues.

Enhancements

Firmware for the following devices has been updated to 2.42.5044:

- 779799-B21 (HPE Ethernet 10G 2-port 546FLR-SFP+ Adapter)
- 779793-B21 (HPE Ethernet 10G 2-port 546SFP+ Adapter)

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)

Firmware for the following device has been updated to 16.32.1010:

- 874253-B21 (HPE Ethernet 100Gb 1-port 842QSFP28 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 16.32.1010:

- Added a new NvConfig parameter LOG_MAX_QUEUE to set the maximum number of work queue resources (QP, RQ, SQ...) that can be created per function. The default value is 2¹⁷.
- Blocked the VF's ability to use both padding and signature in order to prevent the NIC from getting into an unresponsive state.
- 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.
- Performance improvements in the DCT with AR flow by exposing a hint to the software in DCI software context that indicates that RDMA WRITE on this DCI is not supported.
- Added support for QSHR access register to enable Set and Query rate limit perhost per-port.
- The firmware now exposes a new Software Steering ICM resource for VXLAN encap expand in order for the SW Steering to manage this resource directly.
- Enabled the exposure of new ICM resource to the software steering for VXLAN encapsulation expansion.
- Limited the external loopback speed to the used module's capabilities.
- Improved linkup time when using the fast linkup capability.

- Added support for DSFP AOC (CMIS) v4 when error code is not reported by the module.

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: 1.0.12 (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 16.32.1010

- 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 link status was reported incorrectly and consequently caused the link to go down due to incorrect definition of the RX_LOS polarity in the INI.
- The system got into an unresponsive state when a peer port went down while using an Optical module.
- Invalid RNR timeout when trying to set it during the rts2rts_qp transition.
- A fatal assert 0x81C5 occurred when calling get_vport_mad from the MAD APIs. The firmware was trying to compute the number of vPorts using a global function number. To avoid this issue, the API was updated to remove any assumption on the function number. Note: This issue affects only IB devices.
- During events, stress caused the firmware to reset the Arm host of the vPort without sending an event. Thus preventing the software from rearming the vPort as it did not receive any event, and the firmware did not send the event because the vPort had no Arm set.
- The system could not create more than 128K QPs.
- The GetInventory NC-SI command reported leading 0xf in firmware version when it started with 0.
- PCIe lane margining capability issues.
- An issue related to the sl2vl mad that caused a few msec hiccup in the transmission on an InfiniBand network when the SM sent the sl2vl mad to a node in the cluster.

Enhancements

Firmware for the following devices has been updated to 12.28.2006:

- 825110-B21 (HPE InfiniBand EDR/Ethernet 100Gb 1-port 840QSFP28 Adapter)
- 825111-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 840QSFP28 Adapter)

Firmware for the following devices has been updated to 16.32.1010:

- 879482-B21 (HPE InfiniBand FDR/Ethernet 40/50Gb 2-port 547FLR-QSFP Adapter)
- 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 16.32.1010:

- Added support for blocking unwanted GMP classes by dedicated MADs.
- Added a new NvConfig parameter LOG_MAX_QUEUE to set the maximum number of work queue resources (QP, RQ, SQ...) that can be created per function. The default value is 2^17.
- Added a Congestion Control Key to all Congestion Control MADs to authenticate that they are originated from a trusted source.
- Added an SMP firewall to block the option of sending SMPs (MADS sent on QP0 from the Subnet Manager) from unauthorized hosts to prevent fake SMPs from being recognized as the SM.
- Vendor Specific MADs Class 0x9 is no longer supported by the firmware. In case the firmware detects such MAD, the firmware will return a "NOT SUPPORTED" error to the user.
- Blocked the VF's ability to use both padding and signature in order to prevent the NIC from getting into an unresponsive state.
- 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.
- Performance improvements in the DCT with AR flow by exposing a hint to the software in DCI software context that indicates that RDMA WRITE on this DCI is not supported.
- Added support for dynamic timeout mechanism when in InfiniBand mode.
- Added support for QSHR access register to enable Set and Query rate limit perhost per-port.
- The firmware now exposes a new Software Steering ICM resource for VXLAN encap expand in order for the SW Steering to manage this resource directly.
- 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 none zero value.
- Added 2 new MAD access registers to enable mlxlink to read/write access registers by LID (to the whole subnet).
- Enabled the exposure of new ICM resource to the software steering for VXLAN encapsulation expansion.
- Limited the external loopback speed to the used module's capabilities.
- Improved linkup time when using the fast linkup capability.
- Disabled VST on dual port adapter cards when one port is configured as ETH and the other as IB as VST is not available when the port is set as ETH.
- Added support for DSFP AOC (CMIS) v4 when error code is not reported by the module.

Supported Devices and Features

HPE Part Number	Device Name	PSID
872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28	HPE000000009

	Adapter	
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Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and InfiniBand mode)

ConnectX6 devices on Linux x86_64 platform

Version: 1.0.8 (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 20.32.1010:

- System could not create more than 128K QPs.
- Incorrect indication of the PCIe link down in the AER registers on PCIe switch upstream port.
- Invalid RNR timeout when trying to set it during the rts2rts_qp transition.
- The flash frequency on boot was lower than expected (under 50Mhz). The issue was fixed by enabling the firmware to increase it on boot2 to normal frequency.
- A race condition between DC QP flush and DC packets that led to stuck slices in the hardware. To avoid such situation, firmware keeps the TCU drop set until QP flush is done.
- 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 link status was reported incorrectly and consequently caused the link to go down due to incorrect definition of the RX_LOS polarity in the INI.

Enhancements

New features and changes included in version 20.32.1010:

- Added support for blocking unwanted GMP classes by dedicated MADs.
- Added a new NvConfig parameter LOG_MAX_QUEUE to set the maximum number of work queue resources (QP, RQ, SQ...) that can be created per function. The default value is 2¹⁷.
- Added a Congestion Control Key to all Congestion Control MADs to authenticate that they are originated from a trusted source.
- Added an SMP firewall to block the option of sending SMPs (MADS sent on QP0 from the Subnet Manager) from unauthorized hosts to prevent fake SMPs from being recognized as the SM.
- Vendor Specific MADs Class 0x9 is no longer supported by the firmware. If case the firmware detects such MAD, the firmware will return a "NOT SUPPORTED" error to the user.
- Blocked the VF's ability to use both padding and signature in order to prevent the NIC from getting into an unresponsive state.
- 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.
- Performance improvements in the DCT with AR flow by exposing a hint to the software in DCI software context that indicates that RDMA WRITE on this DCI is not supported.
- Added support for dynamic timeout mechanism when in InfiniBand mode.
- Added support for QSHR access register to enable Set and Query rate limit per-host per-port.
- The firmware now exposes a new Software Steering ICM resource for VXLAN encap expand in order for the SW Steering to manage this resource directly.
- 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 none zero value.
- Added 2 new MAD access registers to enable mlxlink to read/write access registers by LID (to the whole subnet).
- Enabled the exposure of new ICM resource to the software steering for VXLAN encapsulation expansion.
- Added support for DSFP AOC (CMIS) v4 when error code is not reported by the module.
- Limited the external loopback speed according to the used module's capabilities.
- Modified the Effective BER calculation method. Due to this, the value of the Effective BER will be slightly higher, however the link quality remains the same as prior to this change.
- This firmware version includes the following PCIe changes:
 - Fixed the ACS Port Number field in DSPs and ACS Egress Control Vector field in DSPs.
 - Added support for VSC on USP of PCIe Switch.
 - Fixed the mapping of Legacy Interrupts in the PCIe Switch.
 - Fixed MRRS & MPS configurations in DSPs.

Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters

Version: 1.0.0.16 (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 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 16.32.1010:

- 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 link status was reported incorrectly and consequently caused the link to go down due to incorrect definition of the RX_LOS polarity in the INI.
- On rare occasions, the system got into an unresponsive state when a peer port went down while using an Optical module.
- Incorrect RNR timeout when trying to set it during the rts2rts_qp transition.
- The system could not create more than 128K QPs.
- The GetInventory NC-SI command reported leading 0xf in firmware version when it started with 0.
- PCIe lane margining capability issues.

Enhancements

Firmware for the following devices has been updated to 2.42.5044:

- 779799-B21 (HPE Ethernet 10G 2-port 546FLR-SFP+ Adapter)
- 779793-B21 (HPE Ethernet 10G 2-port 546SFP+ Adapter)

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)

Firmware for the following device has been updated to 16.32.1010:

- 874253-B21 (HPE Ethernet 100Gb 1-port 842QSFP28 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 16.32.1010:

- Added a new NvConfig parameter LOG_MAX_QUEUE to set the maximum number of work queue resources (QP, RQ, SQ...) that can be created per function. The default value is 2^17.
- Blocked the VF's ability to use both padding and signature in order to prevent the NIC from getting into an unresponsive state.
- 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.
- Performance improvements in the DCT with AR flow by exposing a hint to the software in DCI software context that indicates that RDMA WRITE on this DCI is not supported.
- Added support for QSHR access register to enable Set and Query rate limit perhost per-port.
- The firmware now exposes a new Software Steering ICM resource for VXLAN encap expand in order for the SW Steering to manage this resource directly.
- Enabled the exposure of new ICM resource to the software steering for VXLAN encapsulation expansion.
- Limited the external loopback speed to the used module's capabilities.
- Improved linkup time when using the fast linkup capability.
- Added support for DSFP AOC (CMIS) v4 when error code is not reported by the module.

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: 1.0.0.11 (Recommended)

Fixes

Fixes in version 12.28.2006:

o 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 16.32.1010

- 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 link status was reported incorrectly and consequently caused the link to go down due to incorrect definition of the RX_LOS polarity in the INI.
- The system got into an unresponsive state when a peer port went down while using an Optical module.
- Invalid RNR timeout when trying to set it during the rts2rts_qp transition.
- A fatal assert 0x81C5 occurred when calling get_vport_mad from the MAD APIs. The firmware was trying to compute the number of vPorts using a global function number. To avoid this issue, the API was updated to remove any assumption on the function number. Note: This issue affects only IB devices.
- During events, stress caused the firmware to reset the Arm host of the vPort without sending an event. Thus preventing the software from rearming the vPort as it did not receive any event, and the firmware did not send the event because the vPort had no Arm set.
- The system could not create more than 128K QPs.
- The GetInventory NC-SI command reported leading 0xf in firmware version when it started with 0.
- PCIe lane margining capability issues.
- An issue related to the sl2vl mad that caused a few msec hiccup in the transmission on an InfiniBand network when the SM sent the sl2vl mad to a node in the cluster.

Enhancements

Firmware for the following devices has been updated to 12.28.2006:

- 825110-B21 (HPE InfiniBand EDR/Ethernet 100Gb 1-port 840QSFP28 Adapter)
- 825111-B21 (HPE InfiniBand EDR/Ethernet 100Gb 2-port 840QSFP28 Adapter)

Firmware for the following devices has been updated to 16.32.1010:

- 879482-B21 (HPE InfiniBand FDR/Ethernet 40/50Gb 2-port 547FLR-QSFP Adapter)
- 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 16.32.1010:

- Added support for blocking unwanted GMP classes by dedicated MADs.
- Added a new NvConfig parameter LOG_MAX_QUEUE to set the maximum number of work queue resources (QP, RQ, SQ...) that can be created per function. The default value is 2^17.
- Added a Congestion Control Key to all Congestion Control MADs to authenticate that they are originated from a trusted source.
- Added an SMP firewall to block the option of sending SMPs (MADS sent on QP0 from the Subnet Manager) from unauthorized hosts to prevent fake SMPs from being recognized as the SM.
- Vendor Specific MADs Class 0x9 is no longer supported by the firmware. In case the firmware detects such MAD, the firmware will return a "NOT SUPPORTED" error to the user.
- Blocked the VF's ability to use both padding and signature in order to prevent the NIC from getting into an unresponsive state.
- 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.
- Performance improvements in the DCT with AR flow by exposing a hint to the software in DCI software context that indicates that RDMA WRITE on this DCI is not supported.
- Added support for dynamic timeout mechanism when in InfiniBand mode.
- Added support for QSHR access register to enable Set and Query rate limit perhost per-port.
- The firmware now exposes a new Software Steering ICM resource for VXLAN encap expand in order for the SW Steering to manage this resource directly.
- 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 none zero value.
- Added 2 new MAD access registers to enable mlxlink to read/write access registers by LID (to the whole subnet).
- Enabled the exposure of new ICM resource to the software steering for VXLAN encapsulation expansion.
- Limited the external loopback speed to the used module's capabilities.
- Improved linkup time when using the fast linkup capability.
- Disabled VST on dual port adapter cards when one port is configured as ETH and the other as IB as VST is not available when the port is set as ETH.
- Added support for DSFP AOC (CMIS) v4 when error code is not reported by the module.

Supported Devices and Features

HPE Part Number	Device Name	PSID
872726-B21	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	HPE0000000009

Online NVMe SSD Flash Component for Linux (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives

Version: HPK1 (C) (Critical)

Fixes

- Firmware corrects an issue where the drive will be in a failed state after an unexpected power loss. When this occurs the drive will not recover after subsequent power cycles and will not be accessible by the system configuration and Host applications.
- Refer Customer Bulletin for workarounds
https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00042733en_us

Online NVMe SSD Flash Component for Linux (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWAFP and VS000960KWFFN Drives

Version: 85032G00 (Recommended)

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 NVMe SSD Flash Component for VMware ESXi - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives

Version: HPK1 (Critical)

Fixes

- Firmware corrects an issue where the drive will be in a failed state after an unexpected power loss. When this occurs the drive will not recover after subsequent power cycles and will not be accessible by the system configuration and Host applications.
- Refer Customer Bulletin for workarounds
https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00042733en_us

Online NVMe SSD Flash Component for VMware ESXi - VS000480KXALB, VS000960KWFFN, VS001920KWAFP and VS003840KWXFQ Drives

Version: 85032G00 (Recommended)

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 NVMe SSD Flash Component for Windows (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives

Version: HPK1 (Critical)

Fixes

- Firmware corrects an issue where the drive will be in a failed state after an unexpected power loss. When this occurs the drive will not recover after subsequent power cycles and will not be accessible by the system configuration and Host applications.
- Refer Customer Bulletin for workarounds
https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00042733en_us

Online NVMe SSD Flash Component for Windows (x64) - VS000480KXALB, VS003840KWXFQ, VS001920KWXFP and VS000960KWXFN drives

Version: 85032G00 (B) (Recommended)

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 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

Version: 0.2.3.0 (Recommended)

Prerequisites

- System ROM V1.26 or later
- The “iLO 5 Channel Interface Driver” (CHIF) for Windows

Enhancements

Version 0.2.3.0 firmware

Online HDD/SSD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives

Version: HPD5 (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 mitigates a potential reliability concern.

Online HDD/SSD Flash Component for Linux (x64) - EG001800JWJNL and EG002400JWJNN Drives

Version: HPD5 (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 mitigates a potential reliability concern.

Online HDD/SSD Flash Component for Linux (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives

Version: HPD2 (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

- Fix command timeout and uncorrectable error improvement.
- Added features for SAS4 auto power switching and thermal requirement.

Online HDD/SSD Flash Component for Linux (x64) - VO003840XZCLT, VO007680XZCMB, MO000800XZCLQ and MO001600XZCLV Drives

Version: HPD1 (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

- Fix command timeout and uncorrectable error improvement.
- Added features for SAS4 auto power swtiching and thermal requirement.

Online HDD/SSD Flash Component for VMware ESXi - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives

Version: HPD2 (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.

Fixes

- Fix command timeout and uncorrectable error improvement.
- Added features for SAS4 auto power swtiching and thermal requirement.

Online HDD/SSD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives

Version: HPD5 (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.

Fixes

- This firmware mitigates a potential reliability concern.

Online HDD/SSD Flash Component for VMware ESXi - EG001800JWJNL and EG002400JWJNN Drives

Version: HPD5 (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.

Fixes

- This firmware mitigates a potential reliability concern.

Online HDD/SSD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drives

Version: HPD5 (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 mitigates a potential reliability concern.

Online HDD/SSD Flash Component for Windows (x64) - EG001800JWJNL and EG002400JWJNN Drives

Version: HPD5 (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 mitigates a potential reliability concern.

Online HDD/SSD Flash Component for Windows (x64) - EO000400PXDBQ, EO000800PXDCK, EO001600PXDCH, MO000800PXDBP, MO001600PXDCC, MO003200PXDCD, MO006400PXDCE, VO000960PXDBN, VO001920PXDBR, VO003840PXDBT, VO007680PXDBU and VO015300PXDBV Drives

Version: HPD2 (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

- Fix command timeout and uncorrectable error improvement.
- Added features for SAS4 auto power switching and thermal requirement.

Online HDD/SSD Flash Component for Linux (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives

Version: HPG2 (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

- Support new PCB H/W with new temperature sensor.

Online HDD/SSD Flash Component for VMware ESXi - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives

Version: HPG2 (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.

Fixes

- Support new PCB H/W with new temperature sensor.

Online HDD/SSD Flash Component for Windows (x64) - VK000480GZCNE, VK000960GZCNF, VK001920GZCNH and VK003840GZCNK Drives

Version: HPG2 (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

- Support new PCB H/W with new temperature sensor.

Firmware Package - HPE SR932i-p Gen10 Plus /SR416i-a Gen10 Plus Controllers

Version: 03.01.09.056 (Recommended)

Fixes

- Fixed an issue where SmartPath used after LUN Reset
- Fixed a rare issue discovering large capacity NVMe. This issue primarily shows up after an NVMe hot add.
- Fixed an issue where an ungraceful shutdown of a VM while IO's are in progress could result in a controller lockup
- Fixed issue where DMTF PLDM Redfish Device Enablement StorageController odata.id was empty
- Fixed an issue where DMTF Redfish StorageDevice.1.0.1 VolumeFailure or VolumeDegraded events were not persisting after a reboot
- Fixed an issue where eligible drives are not displayed while performing Heal Array
- Fixed an issue where the POST message error code 0x1945 was missing when parity initialization had not yet completed while logical drive rebuilding was in progress

Enhancements

- Added support for DMTF PLDM Redfish Device Enablement for CollectionCapabilities
- Added support for DMTF PLDM Redfish Device Enablement for Volume POST & DEL operations
- Added new DMTF Redfish StorageDevice.1.0.1 WriteCache events
- Added Host Key Management (HKM) for SED drives
- Improved performance for sequential writes at a high queue depth and large transfer size

Supported Devices and Features

Supported Devices - SmartRAID SR932i-p and SR416i-a

HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64)

Version: 2022.03.01 (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	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0

Prerequisites

Firmware updates may be accomplished using the inbox or Out of Box (OOB) drivers. 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	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0

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: 2022.03.01 (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	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0

Prerequisites

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

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

The HPE supplied Emulex driver must be installed prior to this firmware component being identified by SUM for deployment. The OOB driver is available on the Service Pack for ProLiant (SPP) which is available at <http://www.hpe.com/servers/spp/download/>

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	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0

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 6.7

Version: 2022.03.01 (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	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0

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	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0

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: 2022.03.01 (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	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0

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	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	16Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1600E 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0
HPE SN1600E 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	12.8.528.21	12.8.528.21	12.8.528.10	12.8.502.0

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

Firmware Package - Gen10 NVMe Backplane PIC Firmware

Version: 1.24 (C) (Recommended)

Prerequisites

iLO 5 version 1.10 or later is required.

Enhancements

- Support HPE ProLiant DL325 Gen10 Plus Server

Firmware Package - Gen10Plus UBM2 Backplane PIC Firmware

Version: 1.20 (Recommended)

Important Note!

- Flashing UBM2 FW when direct attached requires the use of the FWPKG firmware component
- Please use Linux/Windows/VMware FW component to install UBM2 firmware when attached to HPE SR100i, SR416i-p/SR932i-p Gen10 Plus controllers and HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10 controllers

Prerequisites

- Upgrades to UBM SC/FWPKG components will work properly when the installed iLO version is less than 2.65.

Fixes

Fixed command report mistake value.

Firmware Package - Gen10Plus UBM3 Backplane PIC Firmware

Version: 1.24 (Recommended)

Important Note!

- Flashing UBM3 FW when direct attached requires the use of the FWPKG firmware component
- Please use Linux/Windows/VMware FW component to install UBM3 firmware when attached to HPE SR100i, SR416i-p/SR932i-p Gen10 Plus controllers and HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10 controllers

Prerequisites

- Upgrades to UBM SC/FWPKG components will work properly when the installed iLO version is less than 2.65.

Fixes

Fixed command report mistake value.

Firmware Package - Gen10Plus UBM4 Backplane PIC Firmware

Version: 1.24 (Recommended)

Important Note!

- Flashing UBM4 FW when direct attached requires the use of the FWPKG firmware component
- Please use Linux/Windows/VMware FW component to install UBM4 firmware when attached to HPE SR100i and SR416i-p/SR932i-p controllers

Prerequisites

- Upgrades to UBM SC/FWPKG components will work properly when the installed iLO version is less than 2.65.

Fixes

Fixed command report mistake value.

Online Flash Component for Linux - Gen10Plus UBM2 Backplane PIC Firmware

Version: 1.20 (Recommended)

Important Note!

- Windows/Linux/ESXi FW component only supports installation of UBM2 firmware when attached to HPE SR100i,SR416i-p/SR932i-p Gen10 Plus controllers and HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10 controllers
- Flashing UBM2 FW when direct attached requires the use of the FWPKG firmware component

Prerequisites

- Upgrades to UBM SC/FWPKG components will work properly when the installed iLO version is less than 2.65

Fixes

Fixed command report mistake value.

Online Flash Component for Linux - Gen10Plus UBM3 Backplane PIC Firmware

Version: 1.24 (Recommended)

Important Note!

- Windows/Linux/ESXi FW component only supports installation of UBM3 firmware when attached to HPE SR100i, SR416i-p/SR932i-p Gen10 Plus controllers and HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10 controllers
- Flashing UBM3 FW when direct attached requires the use of the FWPKG firmware component

Prerequisites

- Upgrades to UBM SC/FWPKG components will work properly when the installed iLO version is less than

2.65

Fixes

Fixed command report mistake value.

Online Flash Component for Linux - Gen10Plus UBM4 Backplane PIC Firmware

Version: 1.24 (Recommended)

Important Note!

- Windows/Linux/VMware FW component only supports installation of UBM4 firmware when attached to HPE SR100i and SR416i-p/SR932i-p controllers
- Flashing UBM4 FW when direct attached requires the use of the FWPKG firmware component

Prerequisites

- Upgrades to UBM SC/FWPKG components will work properly when the installed iLO version is less than 2.65.

Fixes

Fixed command report mistake value.

Online Flash Component for VMware Esxi - Gen10Plus UBM2 Backplane PIC Firmware

Version: 1.20 (Recommended)

Important Note!

- Windows/Linux/ESXi FW component only supports installation of UBM2 firmware when attached to HPE SR100i, SR416i-p/SR932i-p Gen10 Plus controllers and HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10 controllers
- Flashing UBM2 FW when direct attached requires the use of the FWPKG firmware component

Prerequisites

- Upgrades to UBM SC/FWPKG components will work properly when the installed iLO version is less than 2.65

Fixes

Fixed command report mistake value.

Online Flash Component for VMware Esxi - Gen10Plus UBM3 Backplane PIC Firmware

Version: 1.24 (Recommended)

Important Note!

- Windows/Linux/ESXi FW component only supports installation of UBM3 firmware when attached to HPE SR100i, SR416i-p/SR932i-p Gen10 Plus controllers and HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR

Gen10 controllers

- Flashing UBM3 FW when direct attached requires the use of the FWPKG firmware component

Prerequisites

- Upgrades to UBM SC/FWPKG components will work properly when the installed iLO version is less than 2.65.

Fixes

Fixed command report mistake value.

Online Flash Component for VMware Esxi - Gen10Plus UBM4 Backplane PIC Firmware

Version: 1.24 (Recommended)

Important Note!

- Windows/Linux/VMware FW component only supports installation of UBM4 firmware when attached to HPE SR100i and SR416i-p/SR932i-p controllers
- Flashing UBM4 FW when direct attached requires the use of the FWPKG firmware component

Prerequisites

- Upgrades to UBM SC/FWPKG components will work properly when the installed iLO version is less than 2.65.

Fixes

Fixed command report mistake value.

Online Flash Component for Windows x64 - Gen10Plus UBM2 Backplane PIC Firmware

Version: 1.20 (Recommended)

Important Note!

- Windows/Linux/ESXi FW component only supports installation of UBM2 firmware when attached to HPE SR100i,SR416i-p/SR932i-p Gen10 Plus controllers and HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10 controllers
- Flashing UBM2 FW when direct attached requires the use of the FWPKG firmware component

Prerequisites

- Upgrades to UBM SC/FWPKG components will work properly when the installed iLO version is less than 2.65.

Fixes

Fixed command report mistake value.

Online Flash Component for Windows x64 - Gen10Plus UBM3 Backplane PIC Firmware

Version: 1.24 (Recommended)

Important Note!

- Windows/Linux/ESXi FW component only supports installation of UBM3 firmware when attached to HPE SR100i,SR416i-p/SR932i-p Gen10 Plus controllers and HPE Smart Array P408i-p, P408e-p, P408i-a, P408i-c, E208i-p, E208e-p, E208i-c, E208i-a, P408i-sb, P408e-m, P204i-c, P204i-b, P816i-a and P416ie-m SR Gen10 controllers
- Flashing UBM3 FW when direct attached requires the use of the FWPKG firmware component

Prerequisites

- Upgrades to UBM SC/FWPKG components will work properly when the installed iLO version is less than 2.65

Fixes

Fixed command report mistake value.

Online Flash Component for Windows x64 - Gen10Plus UBM4 Backplane PIC Firmware

Version: 1.24 (Recommended)

Important Note!

- Windows/Linux/VMware FW component only supports installation of UBM4 firmware when attached to HPE SR100i and SR416i-p/SR932i-p controllers
- Flashing UBM4 FW when direct attached requires the use of the FWPKG firmware component

Prerequisites

- Upgrades to UBM SC/FWPKG components will work properly when the installed iLO version is less than 2.65.

Fixes

Fixed command report mistake value.

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

Version: 0.2.3.0 (Recommended)

Prerequisites

System ROM V1.26 or later

The "iLO 5 Channel Interface Driver" (CHIF) for Linux which is integrated into the standard Linux kernel.

Enhancements

Version 0.2.3.0 firmware

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: 04.01.04.601 (Recommended)

Enhancements

Version 04.01.04.601 firmware

Online Flash for Linux - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors

Version: 04.04.04.062 (Recommended)

Enhancements

Version 04.04.04.062 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: 04.01.04.601 (Recommended)

Enhancements

Version 04.01.04.601 firmware

Online Flash for Windows x64 - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors

Version: 04.04.04.062 (Recommended)

Enhancements

Version 04.04.04.062 firmware

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

Version: 0.2.3.0 (Recommended)

Prerequisites

System ROM V1.26 or later

iLO 5 v1.20 or later

Enhancements

Version 0.2.3.0 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: 04.01.04.601 (Recommended)

Enhancements

Version 04.01.04.601 firmware

ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for servers using Intel Xeon Scalable 4300/5300/6300/8300 series Processors

Version: 04.04.04.062 (Recommended)

Enhancements

Version 04.04.04.062 firmware

HPE Lights-Out Online Configuration Utility for Windows x64 Editions

Version: 5.5.0.0 (C) (Optional)

Prerequisites

This utility requires the following minimum firmware revisions:

- Integrated Lights-Out 5 firmware v1.30 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 Microsoft Windows Server 2022.

Smart Storage Administrator (SSA) CLI Smart Component for ESXi 7.0

Version: 2022.03.01 (Recommended)

Fixes

- Fixed an issue where in Windows SSACLI was not showing the Slot# on non-zero segment (expansion chassis) on Superdome Flex.
 - Fixed an issue in SSACLI where an error message was displaying when executing "expresslocalencryption eula=?" command.
-

HPE Storage Emulex Fibre Channel driver component for VMware vSphere 6.7

Version: 2022.03.01 (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 12.8.528.14

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 Emulex Fibre Channel driver component for VMware vSphere 7.0

Version: 2022.03.01 (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.

This component is supported only on ESXI 7.0U2

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 12.8.528.13

This component is supported only on ESXI 7.0U2

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 Emulex Fibre Channel NVMe driver component for VMware vSphere 7.0

Version: 2022.03.01 (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.

This component is supported only on ESXi 7.0U2

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 12.8.528.7

This component is supported only on ESXi 7.0U2

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

Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL)

Version: 4.2-1 (c) (Optional)

Prerequisites

- Requires the following packages to be installed: glibc libgcc libstdc++ bash perl

Enhancements

This package supports only Red Hat Enterprise Linux (RHEL) Distros

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 1Single Port Fibre Channel Host Bus Adapter
- HPE SN1100Q 16GB Dual Port PCIe Fibre Channel Host Bus Adapter
- HPE SN1100Q 16GB Single Port PCIe 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 SN1600Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

HPE Emulex Fibre Channel Enablement Kit for Host Bus Adapters and Mezzanine Host Bus Adapters for Red Hat Enterprise Linux 7 Server

Version: 12.8.526.0 (c) (Recommended)

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 12.8.526.0

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 and Mezzanine Host Bus Adapters for Red Hat Enterprise Linux 8 Server

Version: 12.8.526.0 (c) (Recommended)

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

Added the following support:

- Added support for RHEL 8.5
- Updated to version 12.8.526.0

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 Smart SAN Enablement Kit for Linux

Version: 1.0.0.0-4 (j) (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. 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

Added support to SLES15SP3

Updated to version 1.0.0.0-4

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 1Single 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 NVMe Fibre Channel Enablement Kit for Emulex Host Bus Adapters for Linux Server

Version: 12.8.264.0 (c) (Optional)

Important Note!

This package is applicable only on the below Operating Systems

Red Hat Enterprise Linux Server 7 update 8

Red Hat Enterprise Linux Server 7 update 9

Prerequisites

To successfully deploy nvme-connect rpm on target systems based on a Linux operating system, "nvme-cli" package has to be available on the target system. This package is available as part of the OS-distro.

Enhancements

Updated to version 12.8.264.0

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

Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 7 Server

Version: 2.6.0 (Optional)

Prerequisites

- amsd only supported on HPE Gen10/Gen10 Plus Servers.
- amsd provides information to the iLO 5 service providing SNMP support.

Requirements:

- Minimum iLO 5 Firmware Version = 1.1
- Minimum supported OS Versions = Red Hat Enterprise Linux 7.3 Errata 3.10.0.514.6.1

Fixes

Fixed the following items:

- Users may see the OS logical disk usage percentage difference is much between OS level and AHS. The fix refines the result to minor the difference between OS level and AHS.
- Users may not find correct NIC port status or IML record when NIC port link status changes from "Unknown" to "OK". The SNMP Trap to make iLO/IML record that link port status changes has been updated.

Enhancements

The following enhancements are available:

- Align with cross OSES AMS NIC port status behavior. Marked NIC port link status as "Unknown" when no link was found upon AMS started.

Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 8 Server

Version: 2.6.0 (Optional)

Prerequisites

- amsd only supported on HPE Gen10/Gen10 Plus Servers.
- amsd provides information to the iLO 5 service providing SNMP support.

Requirements:

- Minimum iLO 5 Firmware Version = 1.1
- Minimum supported OS Versions = Red Hat Enterprise Linux 8

Fixes

Fixed the following items:

- Users may see the OS logical disk usage percentage difference is much between OS level and AHS. The fix refines the result to minor the difference between OS level and AHS.
- Users may not find correct NIC port status or IML record when NIC port link status changes from "Unknown" to "OK". The SNMP Trap to make iLO/IML record that link port status changes has been updated.

Enhancements

The following enhancements are available:

- Align with cross OSes AMS NIC port status behavior. Marked NIC port link status as "Unknown" when no link was found upon AMS started.

Agentless Management Service for Microsoft Windows x64

Version: 2.51.0.0 (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

- Fine tune presenting capacity bytes in AHCI SATA.
- Fixed thread leaking issue.
- Fixed Windows will shut down caused by bogus temperature.

Enhancements

- Added support installer.dll version in system software information.
- Enhanced disk overheat detection.

- Removed unnecessary conditions for the status of P824i-p MR Gen10 controller report.
- Corrected the source of cpqIdeAtaDiskSSDPercntEndrnceUsed for iLo displayed.

Smart Storage Administrator (SSA) CLI for Linux 64-bit

Version: 5.30.6.0 (Recommended)

Fixes

- Fixed an issue where in Windows SSACLI was not showing the Slot # on non-zero segment (expansion chassis) on SDFlex.
- Fixed an issue in SSACLI where an error message was displaying when executing "expresslocalencryptionneula=?" command.

Smart Storage Administrator (SSA) CLI for Windows 64-bit

Version: 5.30.6.0 (Recommended)

Fixes

- Fixed an issue where in Windows SSACLI was not showing the Slot # on non-zero segment (expansion chassis) on SDFlex.
- Fixed an issue in SSACLI where an error message was displaying when executing "expresslocalencryptionneula=?" command.

Smart Storage Administrator (SSA) for Linux 64-bit

Version: 5.30.6.0 (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 -local The 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

- Update to the latest SOULAPI version.

Smart Storage Administrator (SSA) for Windows 64-bit

Version: 5.30.6.0 (Recommended)

Enhancements

- Update to the latest SOULAPI version.
-

Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Linux 64-bit

Version: 5.30.6.0 (Recommended)

Fixes

- Fixed an issue where in Windows SSACLI was not showing the Slot # on non-zero segment (expansion chassis) on SDFlex.
 - Fixed an issue in SSACLI where an error message was displaying when executing "expresslocalencryptioneula=?" command.
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Smart Storage Administrator Diagnostic Utility (SSADU) CLI for Windows 64-bit

Version: 5.30.6.0 (Recommended)

Important Note!

This stand alone version of the Smart Storage Administrator's Diagnostic feature is available only in CLI form. For the GUI version of Diagnostic reports, please use Smart Storage Administrator (SSA).

Fixes

- Fixed an issue where in Windows SSACLI was not showing the Slot # on non-zero segment (expansion chassis) on SDFlex.
 - Fixed an issue in SSACLI where an error message was displaying when executing "expresslocalencryptioneula=?" command.
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HPE Utilities Bundle Smart Component for ESXi 6.7

Version: 2022.03.01 (Recommended)

Important Note!

Refer to the HPE VMware Utilities Guide for VMware vSphere 6.7 U3 which is located at HPE VMware ESXi Documentation

Fixes

- Fixed an issue where in Windows SSACLI was not showing the Slot# on non-zero segment (expansion chassis) on Superdome Flex.
- Fixed an issue in SSACLI where an error message was displaying when executing "expresslocalencryption eula=?" command.