VMware Deliverable Release Notes

This document does not apply to HPE Superdome servers. For information on HPE Superdome, see the following links:

HPE Integrity Superdome X
HPE Superdome Flex

Information on HPE Synergy supported VMware ESXi OS releases, HPE ESXi Custom Images and HPE Synergy Custom SPPs is available at:

OS Support Tool for HPE Synergy

Information on HPE Synergy Software Releases is available at:

HPE Synergy Software Releases - Overview

Gen12 SPP 2026.05.00.00 Release Notes for VMware ESXi 9.0 and 9.1

Driver - Network Top

HPE Broadcom NetXtreme-E Drivers for VMware vSphere 9.1
Version: 2026.03.00 **(Recommended)**
Filename: cp070844.compsig; cp070844.zip

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 *HPE Broadcom NetXtreme-E Firmware Version,* 235.1.160000 or later, for use with this driver.

Enhancements

Initial version

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 Ethernet 10Gb 2-port SFP+ BCM57412 OCP3 Adapter
- HPE Ethernet 10Gb 2-port SFP+ BCM57412 Adapter
- HPE Ethernet 10Gb 2-port BaseT BCM57416 OCP3 Adapter
- HPE Ethernet 10Gb 2-port BaseT BCM57416 Adapter
- HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 OCP3 Adapter
- HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 Adapter
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE
- Broadcom BCM57608 Ethernet 100Gb 2-port QSFP112 Adapter for HPE
- Broadcom BCM57608 Ethernet 100Gb 2-port QSFP112 OCP3 Adapter for HPE

HPE Intel ixgben Driver for VMware vSphere 9.1
Version: 2026.03.00 **(Recommended)**
Filename: cp070841.compsig; cp070841.zip

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 3.27.0 or later, for use with this driver.
- HPE recommends the firmware provided in *Intel Firmware Package For E610-IT4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter*, version 1.22 or later, for use with this driver

Enhancements

Initial version

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 10Gb 2-port 560SFP+ Adapter
- HPE Ethernet 10Gb 2-port 560FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 561T Adapter
- HPE Ethernet 10Gb 2-port 561FLR-T Adapter
- HPE Ethernet 10Gb 2-port 562T Adapter
- HPE Ethernet 10Gb 2-port 562FLR-T Adapter
- Intel E610-IT4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE

Intel icen Driver for VMware vSphere 9.1
Version: 2026.03.00 **(Recommended)**
Filename: cp070840.compsig; cp070840.zip

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 *Intel Firmware Package For E810 Ethernet Adapter*, version 4.91 or later, for use with these drivers.

Enhancements

Initial version

Supported Devices and Features

This product supports the following network adapters:

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

Driver - Storage Controller Top

HPE MR932i-p Controller Driver (64-bit) for vSphere 9.1
Version: 2026.04.01 **(Recommended)**
Filename: cp071202.compsig; cp071202.zip

Important Note!

- Actual Version is 8.16.1.0.0.0

Fixes

- Fix an issue that incomplete LOG DATA event information caused application crashes
- Fix a rare issue that page fault exception is observed while running heavy IOs along with controller reset
- Fix an issue that sense data is not observed by application for the IOCTL IOs which are failed with check condition

Enhancements

- Report firmware package version to upper layer

Firmware - Network Top

NVIDIA Firmware Package (FWPKG) for HPE InfiniBand NDR/Ethernet 400Gb 1-port OSFP PCIe5 x16 MCX75310AAS-NEAT Adapter : HPE part numbers P45641-B23 and P45641-H23
Version: 28.48.1000 **(Recommended)**
Filename: 28_48_1000-MCX75310AAS-NEAT_HPE2_Ax.pldm.fwpkg; 28_48_1000-MCX75310AAS-NEAT_HPE2_Ax.pldm.json

Important Note!

For PLDM enabled VPI (Virtual Protocol Interconnect) adapters supporting both InfiniBand mode and Ethernet modes, every firmware version is made available in two different formats at HPE.com:

1. HPE signed PLDM Firmware Package (.FWPKG filename extension) updatable via iLO.
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Choose the appropriate firmware file format based on your preference and what suits your environment.

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A list of known issues with this release is available at: https://docs.nvidia.com/networking/display/connectx7firmwarev28481000/known-issues

Fixes

The following issues have been fixed in version 28.48.1000:

- An interoperability issue where, when ConnectX-7 communicates with ConnectX-8 using the probe-based algorithm, bandwidth could become extremely low due to probe packets being dropped.
- The DPA kernel used unsafe ICM access during process creation/modification, which would cause the DPA kernel to hang during FLR.
- User Debugger "query caps" returned only the number of capabilities, not the capability bitmap.
- Race condition in standby/boot power sequencing. In certain timing windows, port power-down would be delayed such that the power-up flow detected the port still transitioning to power-down, causing the sequence to fail and leaving the port stuck in a powered-down state.
- mlxlink reported 0 values for SNR (media and host) due to incorrect local port mapping in firmware and an incorrect page number used by MFT.
- Due to an SMBus release race condition, the I2C bus would become stuck.
- Fuse values were not aligned with the updated values burned across different ConnectX-7 setups.
- Issue in the steering definers used for LAG with IPv6 traffic.
- A spurious CNP was sent in response to an out-of-sequence packet.
- The root complex sent MCTP-over-PCI messages before a BDF was assigned, causing responses to be sent with BDF 0. The fix ensures that MCTP messages routed by ID are ignored until a valid BDF is assigned.
- The steering tables were not updated after enabling partial Spectrum-X capabilities (BTH.AR) via LLPD.
- When decapsulation on a packet occurred, the FCS indication was not calculated correctly.

- In IB system, RTT_response_sl feature did not work with Sniffer tools (e.g., Wireshark/Tcpdump/).

Enhancements

New features and changes included in version 28.48.1000:

- Improved the ADP-RETX algorithm to avoid re-arming without performing a retransmission.
- The DOCA PCC NP application now enables the NIC to insert the RTT response transmit timestamp in hardware, reducing software-induced jitter and improving the accuracy and consistency of RTT measurements.
- The system-wide limit for DPA processes has been reduced to 30. This total includes both user processes across all GVMIs and internal ProgCC processes. The max_dpa_processes value reported to the user is calculated as: max_dpa_processes=30−number_of_progcc_processes
- Added MAD (Management Datagram) access to the new Adaptive Retransmission Histogram registers. Users can configure the histogram by issuing VSP MAD GET/SET operations to ADP_RETX_HISTOGRAM_CONFIG (0xC01D), and retrieve histogram data via VSP MAD GET to ADP_RETX_HISTOGRAM_READ (0xC01E) (using the required VSP MAD header values and TLV format). This enables configuring and collecting adaptive retransmission timeout statistics through the MAD interface.
- Host rate limiting has been extended to support bandwidth values above 255 Gbps. To remove the previous cap, a new max_bw_value_msb field was added to est_global, providing additional MSB bits to represent higher bandwidth values. With this enhancement, firmware and host tooling can correctly configure and report rate limits beyond 255 Gbps on high-speed links.
- PLDM now supports the PDR Repository Change event type, enabling notification to the BMC when PDRs change. With this flow, the BMC can detect cable insertion/removal events.
- Added support for running save and load operations in parallel, enabling multiple contexts (e.g., multiple VFs) to be checkpointed and restored concurrently instead of serially. This reduces overall migration time and improves scalability in environments that need to migrate or recover many VFs at once.
- Extended packet modify-header operations to support set and copy actions on the NVGRE VSID (Virtual Subnet Identifier) . A new field, TUNNEL_HDR_DW_2 (0x84), enables dynamic VSID modification, adding header rewrite support for NVGRE tunnel traffic in addition to existing filtering capabilities.
- Added a new output field, migration_state, to QUERY_VHCA_MIGRATION_STATE. Software uses this field to make live-migration flow decisions, specifically to signal when it is not a good time to transition into the stop-copy stage.
- To align with updated Microsoft UEFI Secure Boot requirements and the upcoming end-of-life of the 2011 Certificate Authority (CA), a transition to the 2023 CA has been done. To ensure successful loading of the Expansion ROM (ExpROM) during the UEFI Secure Boot process, system BIOS and operating system trust stores must be updated to include the 2023 CA.
  Note: When performing a firmware update of ConnectX and BlueField devices the new certificate is required for Secure Boot. To continue supporting Secure Boot, systems must be updated to recognize the "Microsoft Option ROM UEFI CA 2023".

Supported Devices and Features

HPE Part Number	NVIDIA VPI Adapter	PSID
P45641-B23	HPE InfiniBand NDR/Ethernet 400Gb 1-port OSFP PCIe5 x16 MCX75310AAS-NEAT Adapter (P45641-B23 and P45641-H23)	MT_0000001120

NVIDIA Firmware Package (FWPKG) for HPE InfiniBand NDR/Ethernet 400Gb 1-port OSFP PCIe5 x16 MCX75310AAS-NEAT Generic Adapter : HPE part number P45641-H24
Version: 28.48.1000 **(Recommended)**
Filename: 28_48_1000-MCX75310AAS-NEA_Ax.pldm.fwpkg; 28_48_1000-MCX75310AAS-NEA_Ax.pldm.json

Important Note!

For PLDM enabled VPI (Virtual Protocol Interconnect) adapters supporting both InfiniBand mode and Ethernet modes, every firmware version is made available in two different formats at HPE.com:

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A list of known issues with this release is available at: https://docs.nvidia.com/networking/display/connectx7firmwarev28481000/known-issues

Fixes

The following issues have been fixed in version 28.48.1000:

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- Race condition in standby/boot power sequencing. In certain timing windows, port power-down would be delayed such that the power-up flow detected the port still transitioning to power-down, causing the sequence to fail and leaving the port stuck in a powered-down state.
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- Due to an SMBus release race condition, the I2C bus would become stuck.
- Fuse values were not aligned with the updated values burned across different ConnectX-7 setups.
- Issue in the steering definers used for LAG with IPv6 traffic.
- A spurious CNP was sent in response to an out-of-sequence packet.
- The root complex sent MCTP-over-PCI messages before a BDF was assigned, causing responses to be sent with BDF 0. The fix ensures that MCTP messages routed by ID are ignored until a valid BDF is assigned.
- The steering tables were not updated after enabling partial Spectrum-X capabilities (BTH.AR) via LLPD.
- When decapsulation on a packet occurred, the FCS indication was not calculated correctly.
- In IB system, RTT_response_sl feature did not work with Sniffer tools (e.g., Wireshark/Tcpdump/).

Enhancements

New features and changes included in version 28.48.1000:

- Improved the ADP-RETX algorithm to avoid re-arming without performing a retransmission.

- The DOCA PCC NP application now enables the NIC to insert the RTT response transmit timestamp in hardware, reducing software-induced jitter and improving the accuracy and consistency of RTT measurements.
- The system-wide limit for DPA processes has been reduced to 30. This total includes both user processes across all GVMIs and internal ProgCC processes. The max_dpa_processes value reported to the user is calculated as: max_dpa_processes=30−number_of_progcc_processes
- Added MAD (Management Datagram) access to the new Adaptive Retransmission Histogram registers. Users can configure the histogram by issuing VSP MAD GET/SET operations to ADP_RETX_HISTOGRAM_CONFIG (0xC01D), and retrieve histogram data via VSP MAD GET to ADP_RETX_HISTOGRAM_READ (0xC01E) (using the required VSP MAD header values and TLV format). This enables configuring and collecting adaptive retransmission timeout statistics through the MAD interface.
- Host rate limiting has been extended to support bandwidth values above 255 Gbps. To remove the previous cap, a new max_bw_value_msb field was added to est_global, providing additional MSB bits to represent higher bandwidth values. With this enhancement, firmware and host tooling can correctly configure and report rate limits beyond 255 Gbps on high-speed links.
- PLDM now supports the PDR Repository Change event type, enabling notification to the BMC when PDRs change. With this flow, the BMC can detect cable insertion/removal events.
- Added support for running save and load operations in parallel, enabling multiple contexts (e.g., multiple VFs) to be checkpointed and restored concurrently instead of serially. This reduces overall migration time and improves scalability in environments that need to migrate or recover many VFs at once.
- Extended packet modify-header operations to support set and copy actions on the NVGRE VSID (Virtual Subnet Identifier) . A new field, TUNNEL_HDR_DW_2 (0x84), enables dynamic VSID modification, adding header rewrite support for NVGRE tunnel traffic in addition to existing filtering capabilities.
- Added a new output field, migration_state, to QUERY_VHCA_MIGRATION_STATE. Software uses this field to make live-migration flow decisions, specifically to signal when it is not a good time to transition into the stop-copy stage.
- To align with updated Microsoft UEFI Secure Boot requirements and the upcoming end-of-life of the 2011 Certificate Authority (CA), a transition to the 2023 CA has been done. To ensure successful loading of the Expansion ROM (ExpROM) during the UEFI Secure Boot process, system BIOS and operating system trust stores must be updated to include the 2023 CA.
  Note: When performing a firmware update of ConnectX and BlueField devices the new certificate is required for Secure Boot. To continue supporting Secure Boot, systems must be updated to recognize the "Microsoft Option ROM UEFI CA 2023".

Supported Devices and Features

HPE Part Number	NVIDIA VPI Adapter	PSID
P45641-H24	HPE InfiniBand NDR/Ethernet 400Gb 1-port OSFP PCIe5 x16 MCX75310AAS-NEAT Generic Adapter (P45641-H24)	MT_0000000838

NVIDIA Firmware Package (FWPKG) for HPE InfiniBand NDR200/Ethernet 200Gb 1-port OSFP PCIe5 x16 MCX75310AAS-HEAT Adapter : HPE part numbers P45642-B22 and P45642-H22
Version: 28.48.1000 **(Recommended)**
Filename: 28_48_1000-MCX75310AAS-HEAT_HPE2_Ax.pldm.fwpkg; 28_48_1000-MCX75310AAS-HEAT_HPE2_Ax.pldm.json

Important Note!

For PLDM enabled VPI (Virtual Protocol Interconnect) adapters supporting both InfiniBand mode and Ethernet modes, every firmware version is made available in two different formats at HPE.com:

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A list of known issues with this release is available at: https://docs.nvidia.com/networking/display/connectx7firmwarev28481000/known-issues

Prerequisites

FWPKG will work only if the iLO5 firmware version is 2.30 or higher.

Fixes

The following issues have been fixed in version 28.48.1000:

- An interoperability issue where, when ConnectX-7 communicates with ConnectX-8 using the probe-based algorithm, bandwidth could become extremely low due to probe packets being dropped.
- The DPA kernel used unsafe ICM access during process creation/modification, which would cause the DPA kernel to hang during FLR.
- User Debugger “query caps” returned only the number of capabilities, not the capability bitmap.
- Race condition in standby/boot power sequencing. In certain timing windows, port power-down would be delayed such that the power-up flow detected the port still transitioning to power-down, causing the sequence to fail and leaving the port stuck in a powered-down state.
- mlxlink reported 0 values for SNR (media and host) due to incorrect local port mapping in firmware and an incorrect page number used by MFT.
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- Fuse values were not aligned with the updated values burned across different ConnectX-7 setups.
- Issue in the steering definers used for LAG with IPv6 traffic.
- A spurious CNP was sent in response to an out-of-sequence packet.
- The root complex sent MCTP-over-PCI messages before a BDF was assigned, causing responses to be sent with BDF 0. The fix ensures that MCTP messages routed by ID are ignored until a valid BDF is assigned.
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- When decapsulation on a packet occurred, the FCS indication was not calculated correctly.
- In IB system, RTT_response_sl feature did not work with Sniffer tools (e.g., Wireshark/Tcpdump/).

Enhancements

New features and changes included in version 28.48.1000:

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- The DOCA PCC NP application now enables the NIC to insert the RTT response transmit timestamp in hardware, reducing software-induced jitter and improving the accuracy and consistency of RTT measurements.
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Supported Devices and Features

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P45642-B22	HPE InfiniBand NDR200/Ethernet 200Gb 1-port OSFP PCIe5 x16 MCX75310AAS-HEAT Adapter (P45642-B22 and P45642-H22)	MT_0000001119

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- Added support for running save and load operations in parallel, enabling multiple contexts (e.g., multiple VFs) to be checkpointed and restored concurrently instead of serially. This reduces overall migration time and improves scalability in environments that need to migrate or recover many VFs at once.
- Extended packet modify-header operations to support set and copy actions on the NVGRE VSID (Virtual Subnet Identifier) . A new field, TUNNEL_HDR_DW_2 (0x84), enables dynamic VSID modification, adding header rewrite support for NVGRE tunnel traffic in addition to existing filtering capabilities.
- Added a new output field, migration_state, to QUERY_VHCA_MIGRATION_STATE. Software uses this field to make live-migration flow decisions, specifically to signal when it is not a good time to transition into the stop-copy stage.
- To align with updated Microsoft UEFI Secure Boot requirements and the upcoming end-of-life of the 2011 Certificate Authority (CA), a transition to the 2023 CA has been done. To ensure successful loading of the Expansion ROM (ExpROM) during the UEFI Secure Boot process, system BIOS and operating system trust stores must be updated to include the 2023 CA.
  Note: When performing a firmware update of ConnectX and BlueField devices the new certificate is required for Secure Boot. To continue supporting Secure Boot, systems must be updated to recognize the "Microsoft Option ROM UEFI CA 2023".

Supported Devices and Features

HPE Part Number	NVIDIA VPI Adapter	PSID
P45642-H23	HPE InfiniBand NDR200/Ethernet 200Gb 1-port OSFP PCIe5 x16 MCX75310AAS-HEAT Generic Adapter (P45642-H23)	MT_0000000844

NVIDIA Firmware Package (FWPKG) for HPE InfiniBand NDR200/Ethernet 200GbE 2-port QSFP112 PCIe5 x16 MCX755106AC-HEAT Adapter : HPE part numbers P65333-B21 and P65333-H21
Version: 28.48.1000 **(Recommended)**
Filename: 28_48_1000-MCX755106AC-HEAT_HPE_Ax.pldm.fwpkg; 28_48_1000-MCX755106AC-HEAT_HPE_Ax.pldm.json

Important Note!

For PLDM enabled VPI (Virtual Protocol Interconnect) adapters supporting both InfiniBand mode and Ethernet modes, every firmware version is made available in two different formats at HPE.com:

1. HPE signed PLDM Firmware Package (.FWPKG filename extension) updatable via iLO.
2. Firmware binary (.bin filename extension) updatable via mstflint utility from the Operating System.

Choose the appropriate firmware file format based on your preference and what suits your environment.

Disclaimer: Certain software including drivers and documents may be available from NVIDIA. If you select a URL that directs you to http://www.nvidia.com/, you are then leaving HPE.com. Please follow the instructions on http://www.nvidia.com/ to download NVIDIA software or documentation. When downloading the NVIDIA software or documentation, you may be subject to NVIDIA terms and conditions, including licensing terms, if any, provided on its website or otherwise. HPE is not responsible for your use of any software or documents that you download from http://www.nvidia.com/, except that HPE may provide a limited warranty for NVIDIA software in accordance with the terms and conditions of your purchase of the HPE product or solution.

A list of known issues with this release is available at: https://docs.nvidia.com/networking/display/connectx7firmwarev28481000/known-issues

Fixes

The following issues have been fixed in version 28.48.1000:

- An interoperability issue where, when ConnectX-7 communicates with ConnectX-8 using the probe-based algorithm, bandwidth could become extremely low due to probe packets being dropped.
- The DPA kernel used unsafe ICM access during process creation/modification, which would cause the DPA kernel to hang during FLR.
- User Debugger “query caps” returned only the number of capabilities, not the capability bitmap.
- Race condition in standby/boot power sequencing. In certain timing windows, port power-down would be delayed such that the power-up flow detected the port still transitioning to power-down, causing the sequence to fail and leaving the port stuck in a powered-down state.
- mlxlink reported 0 values for SNR (media and host) due to incorrect local port mapping in firmware and an incorrect page number used by MFT.
- Due to an SMBus release race condition, the I2C bus would become stuck.
- Fuse values were not aligned with the updated values burned across different ConnectX-7 setups.
- Issue in the steering definers used for LAG with IPv6 traffic.
- A spurious CNP was sent in response to an out-of-sequence packet.
- The root complex sent MCTP-over-PCI messages before a BDF was assigned, causing responses to be sent with BDF 0. The fix ensures that MCTP messages routed by ID are ignored until a valid BDF is assigned.
- The steering tables were not updated after enabling partial Spectrum-X capabilities (BTH.AR) via LLPD.
- When decapsulation on a packet occurred, the FCS indication was not calculated correctly.
- In IB system, RTT_response_sl feature did not work with Sniffer tools (e.g., Wireshark/Tcpdump/).

Enhancements

New features and changes included in version 28.48.1000:

- Improved the ADP-RETX algorithm to avoid re-arming without performing a retransmission.
- The DOCA PCC NP application now enables the NIC to insert the RTT response transmit timestamp in hardware, reducing software-induced jitter and improving the accuracy and consistency of RTT measurements.
- The system-wide limit for DPA processes has been reduced to 30. This total includes both user processes across all GVMIs and internal ProgCC processes. The max_dpa_processes value reported to the user is calculated as: max_dpa_processes=30−number_of_progcc_processes
- Added MAD (Management Datagram) access to the new Adaptive Retransmission Histogram registers. Users can configure the histogram by issuing VSP MAD GET/SET operations to ADP_RETX_HISTOGRAM_CONFIG (0xC01D), and retrieve histogram data via VSP MAD GET to ADP_RETX_HISTOGRAM_READ (0xC01E) (using the required VSP MAD header values and TLV format). This enables configuring and collecting adaptive retransmission timeout statistics through the MAD interface.
- Host rate limiting has been extended to support bandwidth values above 255 Gbps. To remove the previous cap, a new max_bw_value_msb field was added to est_global, providing additional MSB bits to represent higher bandwidth values. With this enhancement, firmware and host tooling can correctly configure and report

rate limits beyond 255 Gbps on high-speed links.
- PLDM now supports the PDR Repository Change event type, enabling notification to the BMC when PDRs change. With this flow, the BMC can detect cable insertion/removal events.
- Added support for running save and load operations in parallel, enabling multiple contexts (e.g., multiple VFs) to be checkpointed and restored concurrently instead of serially. This reduces overall migration time and improves scalability in environments that need to migrate or recover many VFs at once.
- Extended packet modify-header operations to support set and copy actions on the NVGRE VSID (Virtual Subnet Identifier) . A new field, TUNNEL_HDR_DW_2 (0x84), enables dynamic VSID modification, adding header rewrite support for NVGRE tunnel traffic in addition to existing filtering capabilities.
- Added a new output field, migration_state, to QUERY_VHCA_MIGRATION_STATE. Software uses this field to make live-migration flow decisions, specifically to signal when it is not a good time to transition into the stop-copy stage.
- To align with updated Microsoft UEFI Secure Boot requirements and the upcoming end-of-life of the 2011 Certificate Authority (CA), a transition to the 2023 CA has been done. To ensure successful loading of the Expansion ROM (ExpROM) during the UEFI Secure Boot process, system BIOS and operating system trust stores must be updated to include the 2023 CA.
  Note: When performing a firmware update of ConnectX and BlueField devices the new certificate is required for Secure Boot. To continue supporting Secure Boot, systems must be updated to recognize the "Microsoft Option ROM UEFI CA 2023".

Supported Devices and Features

HPE Part Number	NVIDIA VPI Adapter	PSID
P65333-B21	HPE InfiniBand NDR200/Ethernet 200GbE 2-port QSFP112 PCIe5 x16 MCX755106AC-HEAT Adapter (P65333-B21 and P65333-H21)	MT_0000001108

Firmware - Storage Fibre Channel Top

HPE Firmware Flash for QLogic 32Gb and 64Gb Fibre Channel Host Bus Adapters
Version: 02.11.13 **(Recommended)**
Filename: mh021113.upd_header.pldm.fwpkg

Important Note!

Release Notes:
HPE QLogic Adapters Release Notes

This Firmware package contains following firmware versions:

Adapter	Speed	MBI	Firmware	UEFI
HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.11.13	09.15.19	7.39
HPE SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.11.13	09.15.19	7.39
HPE SN1700Q 64Gb Dual Port Fibre Channel Host Bus Adapter	64Gb	02.11.13	09.15.19	7.39
HPE SN1700Q 64Gb Single Port Fibre Channel Host Bus Adapter	64Gb	02.11.13	09.15.19	7.39

Enhancements

This Firmware package contains following firmware versions:

Adapter	Speed	MBI	Firmware	UEFI
HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter	32Gb	02.11.13	09.15.19	7.39
HPE SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter	32Gb	02.11.13	09.15.19	7.39
HPE SN1700Q 64Gb Dual Port Fibre Channel Host Bus Adapter	64Gb	02.11.13	09.15.19	7.39
HPE SN1700Q 64Gb Single Port Fibre Channel Host Bus Adapter	64Gb	02.11.13	09.15.19	7.39

Supported Devices and Features

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

32Gb Fibre Channel Host Bus Adapter:

- HPE SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter
- HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter

64Gb Fibre Channel Host Bus Adapter:

- HPE SN1700Q 64Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1700Q 64Gb Single Port Fibre Channel Host Bus Adapter

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Software - Management Top

Smart Storage Administrator (SSA) CLI Smart Component for ESXi 9.1 for Gen10/Gen10 Plus/Gen11 Controllers
Version: 2026.03.01 **(Recommended)**
Filename: cp070854.compsig; cp070854.zip

Important Note!

- Actual ESXi9.0 ssacli version is 6.60.11.0
- **Due to VMware upgrade constraints, the SSA CLI package version (6.60.11) differs from the internal version (6.60.9). This is expected behavior.**

Enhancements

Initial version

Software - Storage Controller Top

HPE MegaRAID Storage Administrator StorCLI for VMware9.1 (For Gen10P and Gen11 Controllers)
Version: 2026.03.01 **(Recommended)**
Filename: cp070800.compsig; cp070800.zip

Important Note!

- Actual ESXi Version is 0007.3604.0000.0000

Fixes

- Fix an issue that storcli show /cx/ex/sx poh (power on hour) command report error on NVMe drives
- Fix an issue that PSOC update is not allowing when the part number is beyond 65535

Enhancements

- Return error when enabling encryption with 256 characters for keyid in Drive Security command
- Display the controller serial number as "NA" when not programmed

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HPE MegaRAID Storage Administrator StorCLI for VMware9.1 (for MR932i-p Controller)
Version: 2026.04.01 **(Recommended)**
Filename: cp070799.compsig; cp070799.zip

Important Note!

- **Actual ESXi Version is 008.00aa.0000.00bb, even though the file name indicates 008.00aa.03bb-1OEM.900.0.xxxxxxxx.**

Fixes

- Fix an issue that RIAD 60 volume with preserved cache is reporting incorrect volume size in show preservedcache command
- Fix an issue that volume info is showing "SCSI Status: failure" when background operations on the volume are going
- Fix an issue that storcli2 fails to set firstdeviceid to default value 65535
- Fix an issue that add map command returns incorrect error message
- Fix an issue that improper output while setting Consistency Check execfrequency for weeks/days
- Fix a rare issue that storcli2 may crash on querying the controller
- Fix an issue that multiple error messages may show when show POH (Power On Hours) on drives
- Fix an issue that volume is shown as virtual drive in show aso command
- Fix an issue that default strip size listed as 65KB instead of 64KB
- Fix an issue that incorrect message is shown while setting invalid FirstdeviceID
- Fix an issue that one event is missing when the requested number of events is less than the current available events count

Enhancements

- Update property "Security QR Enabled" as per latest MPI changes to "Security QR Secured" in show securebootinfo command
- Migrate to Openssl 3.5.1
- Updated CLI to display the PQC Algorithm details
- Implement the Enhanced string in CLI prereview configuration for the non-importable foreign reason
- Add Online Capacity Expansion limitation: No Foreign Config Import Allowed Until Completion
- Provide method for removal of a volume from the exclusion list from patrol read
- Add the NVMe drive smart info with the property "Self-test status" if operation is ongoing
- Displaying missing Controller properties in storcli2. Added below CLI commands:
  - /cx show dmhi
  - /cx show ssddefaults
  - /cx show nvmedefaults

Software - Storage Fibre Channel

Top

HPE QLogic Fibre Channel driver component for VMware vSphere 9.1
Version: 2026.03.01 **(Recommended)**
Filename: cp070467.compsig; cp070467.zip

Important Note!

This component is supported only on Gen12 ProLiant servers.

Release Notes:
HPE QLogic Adapters Release Notes

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 driver is only supported on VMware ESXi 9.1.

Prerequisites

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

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

Enhancements

Driver version 91.5.5.86.0
This driver is only supported on VMware ESXi 9.1

Supported Devices and Features

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

32Gb Fibre Channel Host Bus Adapter:

- HPE SN1610Q 32Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1610Q 32Gb Single Port Fibre Channel Host Bus Adapter

64Gb Fibre Channel Host Bus Adapter:

- HPE SN1700Q 64Gb Dual Port Fibre Channel Host Bus Adapter
- HPE SN1700Q 64Gb Single Port Fibre Channel Host Bus Adapter

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Software - System Management Top

HPE Agentless Management Bundle for ESXi for Gen11 and Gen12 Servers
Version: 802.12.6.0 **(Recommended)**
Filename: amsdvComponent_802.12.6.0.3-1.zip

Fixes

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

Enhancements

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

HPE Agentless Management Bundle Smart Component on ESXi for Gen11 and Gen12 Servers
Version: 2026.05.01 **(Recommended)**
Filename: cp071377.compsig; cp071377.zip

Prerequisites

For HPE servers with iLO 7:

Ensure that the iLO Virtual NIC(VNIC) feature is enabled. Please refer to the HPE iLO User Guide for VNIC configuration procedure

Fixes

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

Enhancements

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

BIOS - System ROM Top

ROM Flash Firmware Package - HPE ProLiant Compute DL110/EL140 Gen12 (U77) Servers
Version: 1.40_04-02-2026 **(Recommended)**
Filename: U77_1.40_04_02_2026.fwpkg; U77_1.40_04_02_2026.json

Important Note!

Important Notes:

This version of the System ROM contains updates aligned with Intel Kaseyville Granite Rapids-D XCC PV & HCC PLR4 BKC update.

Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.

Deliverable Name:

HPE ProLiant Compute DL110/EL140 Gen12 System ROM - U77

Release Version:

1.40_04-02-2026

Last Recommended or Critical Revision:

1.40_04-02-2026

Previous Revision:

1.30_02-06-2026

Firmware Dependencies:

None

Enhancements/New Features:

Updated HPE branding logo to reflect the new HPE corporate identity. Updated integrated NIC firmware to version 4.07 for DL110/EL140 Gen12. Updated VROC driver to 9.3.0.1132.

Added multi-language support (Chinese and Japanese) for RBSU setup menus, Boot Configuration, NVMe-oF configuration, Secure Boot configuration, Key Manager, and Factory Options.

Added logic to prevent personally identifiable information (PII) from being written to AHS logs while retaining visibility on the serial console.

Added BootNext and CQTBOOTNEXT synchronization to ensure the iLO One-Time Boot option is cleared after the selected UEFI target has been launched, preventing unintended repeat boots.

Updated SMBIOS Type 9, Type 16, and Type 203 records to report CXL 2.X devices, enabling iLO and management tools to identify CXL memory controllers and slots.

Updated SMBIOS Type 234 to carry DPLL module serial and part number from FRU data for Rev.B modules on DL110/EL140 Gen12.

Improved ACPI table generation for C-state support.

Improved device name display: RBSU now falls back to the English device name for option ROMs that do not provide multi-language strings.

Problems Fixed:

Addressed an issue where the power-off action initiated from OneView could fail, causing the server profile not to be processed as expected.

Addressed an issue where NVMe drives could produce duplicate boot option entries after OS installation due to physical location information being incorrectly included in the structured string.

Addressed an issue where system crash log–related information could not be exported from AHS logs.

Addressed an issue where the OCP PCIe Auxiliary Power slot option in RBSU displayed the wrong OCP slot number on platforms where CPLD and PCA OCP numbering are reversed.

Addressed an issue to update SMBIOS Type 4 Maximum Processor Speed to 3500 MHz for DL110/EL140 Gen12 per specification.

Mitigates CVE-2026-22796: a type confusion vulnerability in the OpenSSL library's PKCS#7 signature verification path that could allow a denial-of-service condition when processing malformed PKCS#7 data.

Addressed an issue where the DIMM MapOut reason field in SMBIOS Type 232 displayed 0x00 after reboot DL110/EL140 Gen12. The HOB-first priority algorithm now correctly persists MapOut reason data across resets.

Addressed an issue where the VerifyMode setting had no display value in the Embedded UEFI Shell due to a string buffer allocation that did not account for the null terminator.

Addressed an issue where no SMBIOS Type9 records created for OCP slots when there is no devices installed in these slots.

Addressed an issue where system device names in RBSU might be incorrect in Japanese-language mode.

Known Issues:

None

Fixes

Important Notes:

This version of the System ROM contains updates aligned with Intel Kaseyville Granite Rapids-D XCC PV & HCC PLR4 BKC update.

Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.

Firmware Dependencies:

None

Problems Fixed:

Addressed an issue where the power-off action initiated from OneView could fail, causing the server profile not to be processed as expected.

Addressed an issue where NVMe drives could produce duplicate boot option entries after OS installation due to physical location information being incorrectly included in the structured string.

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Addressed an issue where the OCP PCIe Auxiliary Power slot option in RBSU displayed the wrong OCP slot number on platforms where CPLD and PCA OCP numbering are reversed.

Addressed an issue to update SMBIOS Type 4 Maximum Processor Speed to 3500 MHz for DL110/EL140 Gen12 per specification.

Mitigates CVE-2026-22796: a type confusion vulnerability in the OpenSSL library's PKCS#7 signature verification path that could allow a denial-of-service condition when processing malformed PKCS#7 data.

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Addressed an issue where the VerifyMode setting had no display value in the Embedded UEFI Shell due to a string buffer allocation that did not account for the null terminator.

Addressed an issue where no SMBIOS Type9 records created for OCP slots when there is no devices installed in these slots.

Addressed an issue where system device names in RBSU might be incorrect in Japanese-language mode.

Known Issues:

None

Enhancements

Updated HPE branding logo to reflect the new HPE corporate identity. Updated integrated NIC firmware to version 4.07 for DL110/EL140 Gen12. Updated VROC driver to 9.3.0.1132.

Added multi-language support (Chinese and Japanese) for RBSU setup menus, Boot Configuration, NVMe-oF configuration, Secure Boot configuration, Key Manager, and Factory Options.

Added logic to prevent personally identifiable information (PII) from being written to AHS logs while retaining visibility on the serial console.

Added BootNext and CQTBOOTNEXT synchronization to ensure the iLO One-Time Boot option is cleared after the selected UEFI target has been launched, preventing unintended repeat boots.

Updated SMBIOS Type 9, Type 16, and Type 203 records to report CXL 2.X devices, enabling iLO and management tools to identify CXL memory controllers and slots.

Updated SMBIOS Type 234 to carry DPLL module serial and part number from FRU data for Rev.B modules on DL110/EL140 Gen12.

Improved ACPI table generation for C-state support.

Improved device name display: RBSU now falls back to the English device name for option ROMs that do not provide multi-language strings.

ROM Flash Firmware Package - HPE ProLiant Compute DL320/DL340/DL340e Gen12 (U71) Servers
Version: 1.70_04-02-2026 **(Recommended)**
Filename: U71_1.70_04_02_2026.fwpkg; U71_1.70_04_02_2026.json

Important Note!

Important Notes:

This version of the System ROM contains updates aligned with Intel Birch Stream UPLR3 and UPLR3.5 BKC updates.

Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.

To streamline content and avoid duplication across documents, starting the Gen12 platform, the UEFI Workload Based Profiles and Tuning Guide has been deprecated, and the contents of this document are now available as part of the current UEFI System Utilities User Guide for HPE Compute Gen12 servers based on iLO7 (https://hpe.com/support/UEFIG12-iLO7-UG-en).

Deliverable Name:

HPE ProLiant Compute DL320/DL340 Gen12 System ROM - U71

Release Version:

1.70_04-02-2026

Last Recommended or Critical Revision:

1.62_02-06-2026

Previous Revision:

1.62_02-06-2026

Firmware Dependencies:

None

Enhancements/New Features:

Updated HPE branding logo to reflect the new HPE corporate identity.

Added new RBSU option to configure the Intel Platform Communications Technology (PCT) feature for PCT-capable processors.

Problems Fixed:

Addressed an issue where the system might hang at the memory initialization stage when reading crash logs.

Addressed an issue where the power-off action initiated from OneView could fail, causing the server profile not to be processed as expected.

Addressed an issue where NVMe drives could produce duplicate boot option entries after OS installation due to physical location information being incorrectly included in the structured string.

Addressed an issue where the iLO One-Time Boot option was not cleared after the selected boot target was launched.

Addressed an issue where the Intel PTAT tool could fail to launch.

Addressed an issue where system crash log–related information could not be exported from AHS logs.

Addressed an issue where system device names in RBSU might be incorrect in Japanese-language mode.

Known Issues:

None

Fixes

Important Notes:

This version of the System ROM contains updates aligned with Intel Birch Stream UPLR3 and UPLR3.5 BKC updates.

Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.

To streamline content and avoid duplication across documents, starting the Gen12 platform, the UEFI Workload Based Profiles and Tuning Guide has been deprecated, and the contents of this document are now available as part of the current UEFI System Utilities User Guide for HPE Compute Gen12 servers based on iLO7 (https://hpe.com/support/UEFIG12-iLO7-UG-en).

Firmware Dependencies:

None

Problems Fixed:

Addressed an issue where the system might hang at the memory initialization stage when reading crash logs.

Addressed an issue where the power-off action initiated from OneView could fail, causing the server profile not to be processed as expected.

Addressed an issue where NVMe drives could produce duplicate boot option entries after OS installation due to physical location information being incorrectly included in the structured string.

Addressed an issue where the iLO One-Time Boot option was not cleared after the selected boot target was launched.

Addressed an issue where the Intel PTAT tool could fail to launch.

Addressed an issue where system crash log–related information could not be exported from AHS logs.

Addressed an issue where system device names in RBSU might be incorrect in Japanese-language mode.

Known Issues:

None

Enhancements

Updated HPE branding logo to reflect the new HPE corporate identity.

Added new RBSU option to configure the Intel Platform Communications Technology (PCT) feature for PCT-capable processors.

ROM Flash Firmware Package - System ROM for HPE ProLiant Compute DL380a/DL580 Gen12 (U72)
Version: 1.70_04-02-2026 **(Recommended)**
Filename: U72_1.70_04_02_2026.fwpkg; U72_1.70_04_02_2026.json

Important Note!

Important Notes:

This version of the System ROM contains updates aligned with Intel Birch Stream UPLR3 and UPLR3.5 BKC updates.

Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.

To streamline content and avoid duplication across documents, starting the Gen12 platform, the UEFI Workload Based Profiles and Tuning Guide has been deprecated, and the contents of this document are now available as part of the current UEFI System Utilities User Guide for HPE Compute Gen12 servers based on iLO7 (https://hpe.com/support/UEFIG12-iLO7-UG-en).

Deliverable Name:

HPE ProLiant Compute DL380a/DL580 Gen12 System ROM - U72

Release Version:

1.70_04-02-2026

Last Recommended or Critical Revision:

1.62_02-06-2026

Previous Revision:

1.62_02-06-2026

Firmware Dependencies:

None

Enhancements/New Features:

Updated HPE branding logo to reflect the new HPE corporate identity.

Added new RBSU option to configure the Intel Platform Communications Technology (PCT) feature for PCT-capable processors.

Problems Fixed:

Addressed an issue where the system might hang at the memory initialization stage when reading crash logs.

Addressed an issue where the power-off action initiated from OneView could fail, causing the server profile not to be processed as expected.

Addressed an issue where NVMe drives could produce duplicate boot option entries after OS installation due to physical location information being incorrectly included in the structured string.

Addressed an issue where the iLO One-Time Boot option was not cleared after the selected boot target was launched.

Addressed an issue where the Intel PTAT tool could fail to launch.

Addressed an issue where system crash log–related information could not be exported from AHS logs.

Addressed an issue where system device names in RBSU might be incorrect in Japanese-language mode.

Known Issues:

None

Fixes

Important Notes:

This version of the System ROM contains updates aligned with Intel Birch Stream UPLR3 and UPLR3.5 BKC updates.

Details about reported security vulnerabilities and their mitigation can be found at the following link Security Bulletin Library | HPE Support.

To streamline content and avoid duplication across documents, starting the Gen12 platform, the UEFI Workload Based Profiles and Tuning Guide has been deprecated, and the contents of this document are now available as part of the current UEFI System Utilities User Guide for HPE Compute Gen12 servers based on iLO7 (https://hpe.com/support/UEFIG12-iLO7-UG-en).

Firmware Dependencies:

None

Problems Fixed:

Addressed an issue where the system might hang at the memory initialization stage when reading crash logs.

Addressed an issue where the power-off action initiated from OneView could fail, causing the server profile not to be processed as expected.

Addressed an issue where NVMe drives could produce duplicate boot option entries after OS installation due to physical location information being incorrectly included in the structured string.

Addressed an issue where the iLO One-Time Boot option was not cleared after the selected boot target was launched.

Addressed an issue where the Intel PTAT tool could fail to launch.

Addressed an issue where system crash log–related information could not be exported from AHS logs.

Addressed an issue where system device names in RBSU might be incorrect in Japanese-language mode.

Known Issues:

None

Enhancements

Updated HPE branding logo to reflect the new HPE corporate identity.

Added new RBSU option to configure the Intel Platform Communications Technology (PCT) feature for PCT-capable processors.

Driver - Network Top

HPE Broadcom NetXtreme-E Drivers for VMware vSphere 8.0
Version: 2025.11.00 **(Recommended)**
Filename: cp068542.compsig; cp068542.zip

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 *HPE Broadcom NetXtreme-E Firmware Version,* 235.1.160000 or later, for use with this driver.

Fixes

This product fixes issue where the RoCE driver updated the RoCE priority from the Queue Pair and Address Handle context by suppressing that value and not propagating it to the L2 driver.

Enhancements

This product enhances the completion queue design to support two completion queues for each Notification Queue

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 Ethernet 10Gb 2-port SFP+ BCM57412 OCP3 Adapter
- HPE Ethernet 10Gb 2-port SFP+ BCM57412 Adapter
- HPE Ethernet 10Gb 2-port BaseT BCM57416 OCP3 Adapter
- HPE Ethernet 10Gb 2-port BaseT BCM57416 Adapter
- HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 OCP3 Adapter
- HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 Adapter
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
- Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE
- Broadcom BCM57608 Ethernet 100Gb 2-port QSFP112 Adapter for HPE
- Broadcom BCM57608 Ethernet 100Gb 2-port QSFP112 OCP3 Adapter for HPE

HPE Intel ixgben Driver for VMware vSphere 8.0
Version: 2026.03.00 **(Recommended)**
Filename: cp070243.compsig; cp070243.zip

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 3.27.0 or later, for use with this driver.
- HPE recommends the firmware provided in *Intel Firmware Package For E610-IT4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter*, version 1.22 or later, for use with this driver

Fixes

- This product fixed warning logs generated during driver unload.
- This product fixed PF reset reporting to VF.
- This product fixed auto-advertised speeds for E610 adapters.

Supported Devices and Features

These drivers support the following network adapters:

- HPE Ethernet 10Gb 2-port 560SFP+ Adapter
- HPE Ethernet 10Gb 2-port 560FLR-SFP+ Adapter
- HPE Ethernet 10Gb 2-port 561T Adapter
- HPE Ethernet 10Gb 2-port 561FLR-T Adapter
- HPE Ethernet 10Gb 2-port 562T Adapter
- HPE Ethernet 10Gb 2-port 562FLR-T Adapter
- Intel E610-IT4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE

Intel icen Driver for VMware vSphere 8.0
Version: 2026.03.00 **(Recommended)**
Filename: cp068814.compsig; cp068814.zip

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 *Intel Firmware Package For E810 Ethernet Adapter*, version 4.71 or later, for use with these drivers.

Fixes

- This product fixed RDMA configuration cleanup during transitions between Native and ENS modes, as well as state changes.
- This product removed warning messages during driver unload by improving cleanup of TX scheduler configuration.
- This product fixed VLAN list cleanup during VF reset, ensuring VLAN properties can be configured correctly by the OS.

Supported Devices and Features

This product supports the following network adapters:

Get connected

hpe.com/info/getconnected

Current HPE driver, support, and security alerts delivered directly to your desktop

Trademark acknowledgments, if needed.

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Hewlett Packard Enterprise