

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant BL Servers

	HPE ProLiant BL660c Gen9 Server	HPE ProLiant BL460c Gen10 Server	HPE ProLiant BL460c Gen9 Server	HPE ProLiant WS460c Gen9 Graphics Server Blade
<b>BIOS - System ROM</b>				
Online ROM Flash Component for Linux - HPE ProLiant BL460c Gen10 (I41) Servers, v2.22_11-13-2019		✓		
Online ROM Flash Component for Linux - HPE ProLiant BL460c Gen9/WS460c Gen9 (I36) Servers, v2.76_10-21-2019			✓	✓
Online ROM Flash Component for Linux - HPE ProLiant BL660c Gen9 (I38) Servers, v2.76_10-21-2019	✓			
Online ROM Flash Component for VMware - HPE ProLiant BL460c Gen9/WS460c Gen9 (I36) Servers, v2.76_10-21-2019			✓	✓
Online ROM Flash Component for VMware - HPE ProLiant BL660c Gen9 (I38) Servers, v2.76_10-21-2019	✓			
Online ROM Flash Component for Windows x64 - HPE ProLiant BL460c Gen10 (I41) Servers, v2.22_11-13-2019		✓		
Online ROM Flash Component for Windows x64 - HPE ProLiant BL460c Gen9/WS460c Gen9 (I36) Servers, v2.76_10-21-2019			✓	✓
Online ROM Flash Component for Windows x64 - HPE ProLiant BL660c Gen9 (I38) Servers, v2.76_10-21-2019	✓			
ROM Flash Firmware Package - HPE ProLiant BL460c Gen10 (I41) Servers, v2.22_11-13-2019		✓		
<b>Driver - Chipset</b>				
Identifiers for Intel Xeon Scalable Processors (First and Second Generation) for Windows, v10.1.18015.8142		✓		
<b>Driver - Network</b>				
HPE Blade Emulex 10/20GbE Driver for VMware vSphere 6.5, v2019.12.20	✓	✓	✓	
HPE Blade Emulex 10/20GbE Driver for VMware vSphere 6.7, v2019.12.20 (B)	✓	✓	✓	
HPE Blade Emulex 10/20GbE Driver for Windows Server 2012 R2, v12.0.1195.0	✓	✓	✓	
HPE Blade Emulex 10/20GbE Driver for Windows Server 2016, v12.0.1195.0	✓	✓	✓	
HPE Blade Emulex 10/20GbE Driver for Windows Server 2019, v12.0.1195.0		✓	✓	
HPE Blade Emulex 10/20GbE Drivers for Red Hat Enterprise Linux 7, v12.0.1216.1-1	✓	✓	✓	
HPE Blade Emulex 10/20GbE Drivers for SUSE Linux Enterprise Server 12, v12.0.1216.1-1	✓	✓	✓	
HPE Blade Emulex 10/20GbE Drivers for SUSE Linux Enterprise Server 15, v12.0.1216.1-1		✓	✓	
HPE Blade Emulex 10/20GbE iSCSI Driver for VMware vSphere 6.5, v2019.12.20	✓	✓	✓	
HPE Blade Emulex 10/20GbE iSCSI Driver for VMware vSphere 6.7, v2019.12.20	✓	✓	✓	
HPE Blade Emulex 10/20GbE iSCSI Driver for Windows Server 2012 R2, v12.0.1171.0	✓	✓	✓	
HPE Blade Emulex 10/20GbE iSCSI Driver for Windows Server 2016, v12.0.1171.0	✓	✓	✓	
HPE Blade Emulex 10/20GbE iSCSI Driver for Windows Server 2019, v12.0.1171.0		✓	✓	
HPE Blade Emulex 10/20GbE iSCSI Drivers for Red Hat Enterprise Linux 7, v12.0.1216.1-1	✓	✓	✓	
HPE Blade Emulex 10/20GbE iSCSI Drivers for SUSE Linux Enterprise Server 12, v12.0.1216.1-1	✓	✓	✓	
HPE Blade Emulex 10/20GbE iSCSI Drivers for SUSE Linux Enterprise Server 15, v12.0.1216.1-1		✓	✓	

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HPE Blade Intel ixgbe Drivers for Red Hat Enterprise Linux 7, v5.6.4-1	✓	✓	✓	
HPE Blade Intel ixgbe Drivers for Red Hat Enterprise Linux 8, v5.6.4-1		✓	✓	
HPE Blade Intel ixgbe Drivers for SUSE Linux Enterprise Server 12, v5.6.4-1	✓	✓	✓	
HPE Blade Intel ixgbe Drivers for SUSE Linux Enterprise Server 15, v5.6.4-1		✓	✓	
HPE Blade Intel ixgben Driver for VMware vSphere 6.5, v2019.12.20	✓	✓	✓	
HPE Blade Intel ixgben Driver for VMware vSphere 6.7, v2019.12.20	✓	✓	✓	
HPE Blade Intel ixgbev Drivers for Red Hat Enterprise Linux 7, v4.6.2-1	✓	✓	✓	
HPE Blade Intel ixgbev Drivers for Red Hat Enterprise Linux 8, v4.6.2-1		✓	✓	
HPE Blade Intel ixgbev Drivers for SUSE Linux Enterprise Server 12, v4.6.2-1	✓	✓	✓	
HPE Blade Intel ixgbev Drivers for SUSE Linux Enterprise Server 15, v4.6.2-1		✓	✓	
HPE Blade Intel ixn Driver for Windows Server 2012 R2, v3.14.132.0	✓	✓	✓	
HPE Blade Intel ixn Driver for Windows Server 2016, v4.1.131.0	✓	✓	✓	
HPE Blade Intel ixn Driver for Windows Server 2019, v4.1.143.0		✓	✓	
HPE Blade Intel vxn Driver for Windows Server 2012 R2, v1.0.16.1	✓	✓	✓	
HPE Blade Intel vxn Driver for Windows Server 2016, v2.0.210.0	✓	✓	✓	
HPE Blade Intel vxn Driver for Windows Server 2019, v2.1.138.0		✓	✓	
HPE Blade QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.5, v2019.12.20	✓	✓	✓	
HPE Blade QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.7, v2019.12.20	✓	✓	✓	
HPE Blade QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7, v7.14.63-1	✓	✓	✓	
HPE Blade QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8, v7.14.63-1		✓	✓	
HPE Blade QLogic NX2 10/20 GbE Multifunction Drivers for SUSE Linux Enterprise Server 12, v7.14.63-1	✓	✓	✓	
HPE Blade QLogic NX2 10/20 GbE Multifunction Drivers for SUSE Linux Enterprise Server 15, v7.14.63-1		✓	✓	
HPE Blade QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions, v7.13.171.0	✓	✓	✓	
HPE Blade QLogic NX2 iSCSI Offload IO Daemon for Red Hat Enterprise Linux 7 Update 6, v2.11.5.13-3	✓	✓	✓	
HPE Blade QLogic NX2 iSCSI Offload IO Daemon for Red Hat Enterprise Linux 7 Update 7, v2.11.5.13-3	✓	✓	✓	
HPE Blade QLogic NX2 iSCSI Offload IO Daemon for Red Hat Enterprise Linux 8 Update 0, v2.11.5.13-3		✓	✓	
HPE Blade QLogic NX2 iSCSI Offload IO Daemon for SUSE Linux Enterprise Server 12 SP3, v2.11.5.13-3	✓	✓	✓	
HPE Blade QLogic NX2 iSCSI Offload IO Daemon for SUSE Linux Enterprise Server 12 SP4, v2.11.5.13-3	✓	✓	✓	
HPE Blade QLogic NX2 iSCSI Offload IO Daemon for SUSE Linux Enterprise Server 15 SPO, v2.11.5.13-3		✓	✓	

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HPE Blade QLogic NX2 iSCSI Offload IO Daemon for SUSE Linux Enterprise Server 15 SP1, v2.11.5.13-3	✓	✓	✓	
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 6 (x86_64), v4.7	✓	✓	✓	✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 7 (x86_64), v4.7	✓	✓	✓	✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 8 (x86_64), v4.7	✓	✓	✓	✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for SUSE LINUX Enterprise Server 12 SP3 (AMD64/EM64T), v4.7	✓	✓	✓	✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for SUSE LINUX Enterprise Server 12 SP4 (AMD64/EM64T), v4.7	✓	✓	✓	✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for SUSE LINUX Enterprise Server 15 SP0 (AMD64/EM64T), v4.7	✓	✓	✓	✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for SUSE LINUX Enterprise Server 15 SP1 (AMD64/EM64T), v4.7	✓	✓	✓	✓
nmlx4_en Driver Component for VMware 6.5, v2019.06.14	✓	✓	✓	✓
VMware ESXi 6.5 and 6.7 MST Drivers Offline Bundle for Mellanox Adapters, v4.12.0.105	✓	✓	✓	✓
Mellanox net-mst Kernel Driver Component for VMware ESXi 6.5 and 6.7, v2019.01.02	✓	✓	✓	✓
<b>Driver - Storage</b>				
Dynamic Smart Array B140i Controller Driver for 64-bit Microsoft Windows Server 2012/2012 R2/2016/2019 Editions, v62.12.0.64 (B)	✓		✓	
HPE Smart Array S100i SR Gen10 SW RAID Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019, v106.12.4.0		✓		
<b>Driver - Storage Controller</b>				
HPE Dynamic Smart Array B140i Controller Driver for VMware vSphere 6.5 (Driver Component), v2019.05.01	✓		✓	
HPE Dynamic Smart Array B140i Controller Driver for VMware vSphere 6.7 (Driver Component), v2019.05.01	✓		✓	
HPE Dynamic Smart Array B140i SATA RAID Controller Driver for Red Hat Enterprise Linux 7 (64-bit), v1.2.10-167	✓		✓	✓
HPE Dynamic Smart Array B140i SATA RAID Controller Driver for Red Hat Enterprise Linux 8 (64-bit), v1.2.10-162	✓		✓	✓
HPE Dynamic Smart Array B140i SATA RAID Controller Driver for SUSE LINUX Enterprise Server 12 (64-bit), v1.2.10-162	✓		✓	✓
HPE Dynamic Smart Array B140i SATA RAID Controller Driver for SUSE LINUX Enterprise Server 15 (64-bit), v1.2.10-162	✓		✓	✓
HPE Dynamic Smart Array Controller Driver for VMware vSphere 6.5 (Bundle file), v5.5.0.68-1	✓		✓	
HPE Dynamic Smart Array Controller Driver for VMware vSphere 6.7 (Bundle file), v5.5.0.68-1	✓		✓	
HPE ProLiant Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit), v3.4.20-181	✓		✓	✓
HPE ProLiant Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit), v3.4.20-170	✓		✓	✓
HPE ProLiant Smart Array Controller (64-bit) Driver for SUSE LINUX Enterprise Server 12 (64-bit), v3.4.20-170	✓		✓	✓
HPE ProLiant Smart Array Controller (64-bit) Driver for SUSE LINUX Enterprise Server 15 (64-bit), v3.4.20-170	✓		✓	✓
HPE ProLiant Smart Array HPCIS53 Controller Driver for 64-bit Microsoft Windows Server 2012/2012 R2/2016/2019 Editions, v106.26.0.64	✓		✓	✓
HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit), v1.2.10-025		✓		

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HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit), v1.2.10-025		✓		
HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for SUSE LINUX Enterprise Server 12 (64-bit), v1.2.10-025		✓		
HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for SUSE LINUX Enterprise Server 15 (64-bit), v1.2.10-025		✓		
HPE ProLiant Gen10 Smart Array Controller Driver for VMware ESXi 6.5 (Bundle file), v1.0.4.3008		✓		
HPE ProLiant Gen10 Smart Array Controller Driver for VMware ESXi 6.7 (Bundle file), v1.0.4.3008		✓		
HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component), v2019.12.01		✓		
HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component), v2019.12.01		✓		
HPE ProLiant Smart Array Controller Driver for VMware vSphere 6.5 (Bundle file), v2.0.44-1	✓		✓	
HPE ProLiant Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component), v2019.09.01	✓		✓	
HPE ProLiant Smart Array Controller Driver for VMware vSphere 6.7 (Bundle file), v2.0.44-1	✓		✓	
HPE ProLiant Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component), v2019.09.01	✓		✓	
HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019, v106.166.0.1022		✓		
<b>Driver - System Management</b>				
iLO 3/4 Channel Interface Driver for Windows Server 2008 to Server 2012 R2, v3.30.0.0	✓		✓	✓
iLO 4 Channel Interface Driver for Windows Server 2012 and Server 2012 R2, v4.0.0.0	✓		✓	✓
iLO 4 Channel Interface Driver for Windows Server 2012 and Server 2012 R2, v4.1.0.0	✓		✓	✓
iLO 4 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.0.0.0	✓		✓	✓
iLO 4 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.1.0.0	✓		✓	✓
iLO 4 Management Controller Driver Package for Windows Server 2012 and Server 2012 R2, v4.0.0.0	✓		✓	✓
iLO 4 Management Controller Driver Package for Windows Server 2016 and Server 2019, v4.0.0.0 (B)	✓		✓	✓
iLO 5 Channel Interface Driver for Windows Server 2012 R2, v4.3.0.0		✓		
iLO 5 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.3.0.0 (B)		✓		
HPE ProLiant Gen9 Chipset Identifier for Windows Server 2012 R2 to Server 2019, v10.1.17969.8134	✓		✓	✓
iLO 5 Automatic Server Recovery Driver for Windows Server 2012 R2, v4.6.0.0		✓		
iLO 5 Automatic Server Recovery Driver for Windows Server 2016 and Server 2019, v4.6.0.0		✓		
iLO 5 Channel Interface Driver for Windows Server 2012 R2, v4.6.0.0		✓		
iLO 5 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.6.0.0		✓		
iLO 5 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.6.0.0 (B)		✓		
<b>Driver - Video</b>				

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Matrox G200eH Video Controller Driver for Windows Server 2012 and Server 2012 R2, v9.15.1.224	✓		✓	✓
Matrox G200eH Video Controller Driver for Windows Server 2016 and Server 2019, v9.15.1.224	✓		✓	✓
Matrox G200eH3 Video Controller Driver for Windows Server 2012 R2, v9.15.1.224 (B)		✓		
Matrox G200eH3 Video Controller Driver for Windows Server 2016 and Server 2019, v9.15.1.224 (B)		✓		
<b>Firmware - Blade Infrastructure</b>				
Online HP 6Gb SAS BL Switch Firmware Smart Component for Linux (x86/x64), v4.3.6.0 (B)	✓	✓	✓	
Online HPE 6Gb SAS BL Switch Firmware Smart Component for Windows (x86/x64), v4.3.6.0 (C)	✓	✓	✓	
HPE BladeSystem c-Class Virtual Connect Firmware, Ethernet plus 8Gb 20-port and 8/16Gb 24-port FC Edition Component for Windows, v4.80	✓	✓	✓	✓
HPE BladeSystem c-Class Virtual Connect Firmware, Ethernet plus 8Gb 20-port and 8/16Gb 24-port FC Edition Component for Linux, v4.80	✓	✓	✓	✓
Online HPE BladeSystem c-Class Onboard Administrator Firmware Component for Linux, v4.95	✓	✓	✓	
Online HPE BladeSystem c-Class Onboard Administrator Firmware Component for Windows, v4.95	✓	✓	✓	
<b>Firmware - Lights-Out Management</b>				
Online ROM Flash Component for Linux - HPE Integrated Lights-Out 4, v2.72	✓		✓	✓
Online ROM Flash Component for Linux - HPE Integrated Lights-Out 5, v1.40 (a)		✓		
Online ROM Flash Component for Linux - HPE Integrated Lights-Out 5, v2.10		✓		
Online ROM Flash Component for VMware ESXi - HPE Integrated Lights-Out 4, v2.72	✓		✓	✓
Online ROM Flash Component for Windows x64 - HPE Integrated Lights-Out 4, v2.72	✓		✓	✓
Online ROM Flash Component for Windows x64 - HPE Integrated Lights-Out 5, v1.40 (a)		✓		
Online ROM Flash Component for Windows x64 - HPE Integrated Lights-Out 5, v2.10		✓		
Online ROM Flash Firmware Package - HPE Integrated Lights-Out 5, v1.40 (a)		✓		
Online ROM Flash Firmware Package - HPE Integrated Lights-Out 5, v2.10		✓		
<b>Firmware - Network</b>				
HPE Firmware Flash for Emulex Converged Network Adapters for Linux (x64), v2019.03.01	✓	✓	✓	
HPE Firmware Flash for Emulex Converged Network Adapters for VMware vSphere 6.5, v2019.03.01	✓	✓	✓	
HPE Firmware Flash for Emulex Converged Network Adapters for VMware vSphere 6.7, v2019.03.01	✓	✓	✓	
HPE Firmware Flash for Emulex Converged Network Adapters for Windows (x64), v2019.03.01	✓	✓	✓	
HPE Blade Intel Online Firmware Upgrade Utility for Linux, v1.0.14	✓	✓	✓	
HPE Blade Intel Online Firmware Upgrade Utility for VMware, v1.0.7	✓	✓	✓	
HPE Blade Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, v1.0.0.5	✓	✓	✓	

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HPE Blade QLogic NX2 Online Firmware Upgrade Utility for Linux, v1.0.9	✓	✓	✓	
HPE Blade QLogic NX2 Online Firmware Upgrade Utility for VMware, v1.0.8	✓	✓	✓	
HPE Blade QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions, v1.0.0.9	✓	✓	✓	
Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox VPI (Ethernet and Infiniband mode) devices on VMware ESXi 6.5, v1.0.4		✓		✓
Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox VPI (Ethernet and Infiniband mode) devices on VMware ESXi 6.7, v1.0.2		✓		✓
Online Firmware Upgrade Utility (Linux x86_64) for HPE Infiniband FDR 2P 545QSFP Adapter (HP Part # 702211-B21), HPE Infiniband FDR 2P 545FLR-QSFP Adapter (HP Part # 702212-B21) and HPE Infiniband FDR 2P 545M Adapter (HP Part #702213-B21), v1.0.7	✓		✓	✓
Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and Infiniband mode) devices on Linux x86_64 platform, v1.0.9		✓		✓
Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) devices on Windows x86_64 platform, v1.0.0.9		✓		✓
<b>Firmware - Storage Controller</b>				
Online ROM Flash Component for Linux (x64) - HPE SAS Expander Firmware for HPE D2500sb Storage Blade, v2.00 (B)		✓		
Online ROM Flash Component for VMware ESXi - HPE SAS Expander Firmware for HPE D2500sb Storage Blade, v2.00 (C)		✓		
Online ROM Flash Component for VMware ESXi - Smart Array and Smart HBA H240ar, H240nr, H240, H241, H244br, P240nr, P244br, P246br, P440ar, P440, P441, P542D, P741m, P840, P840ar, and P841, v7.00	✓		✓	✓
Online ROM Flash Component for VMware ESXi - Smart Array P220i, P222, P420i, P420, P421, P721m, and P822, v8.32 (C)	✓		✓	
Online ROM Flash Component for Windows (x64) - HPE SAS Expander Firmware for HPE D2500sb Storage Blade, v2.00 (B)		✓		
Online ROM Flash Component for Windows (x64) - Smart Array and Smart HBA H240ar, H240nr, H240, H241, H244br, P240nr, P244br, P246br, P440ar, P440, P441, P542D, P741m, P840, P840ar, and P841, v7.00	✓		✓	✓
Online ROM Flash Component for Windows (x64) - Smart Array P220i, P222, P420i, P420, P421, P721m, and P822, v8.32 (C)	✓		✓	✓
Supplemental Update / Online ROM Flash Component for Linux (x64) - Smart Array and Smart HBA H240ar, H240nr, H240, H241, H244br, P240nr, P244br, P246br, P440ar, P440, P441, P542D, P741m, P840, P840ar, and P841, v7.00	✓		✓	✓
Supplemental Update / Online ROM Flash Component for Linux (x64) - Smart Array P220i, P222, P420i, P420, P421, P721m, and P822, v8.32	✓		✓	
HPE D6020 12Gb SAS Disk Enclosure ROM Flash Component for Linux (x64), v2.74 (D)	✓	✓	✓	
HPE D6020 12Gb SAS Disk Enclosure ROM Flash Component for VMware (ESXi), v2.74 (D)	✓	✓	✓	
HPE D6020 12Gb SAS Disk Enclosure ROM Flash Component for Windows (x64), v2.74 (D)	✓	✓	✓	
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, v2.62		✓		
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, v2.62		✓		

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Supplemental Update / Online ROM Flash Component for Linux (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, v2.62		✓		
<b>Firmware - Storage Fibre Channel</b>				
HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64), v2019.12.01	✓	✓	✓	
HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.5, v2019.12.01	✓	✓	✓	
HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.7, v2019.12.01	✓	✓	✓	
HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Windows 2012 R2/2016/2019 x64, v2019.12.01	✓	✓	✓	
HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64), v2019.12.01	✓	✓	✓	
HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.5, v2019.12.01	✓	✓	✓	
HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.7, v2019.12.01	✓	✓	✓	
HPE Firmware Online Flash for QLogic Fibre Channel Host Bus Adapters - Windows 2012R2/2016/2019 (x86_64), v2019.12.01	✓	✓	✓	
<b>Software - Lights-Out Management</b>				
HP Lights-Out Online Configuration Utility for Linux (AMD64/EM64T), v5.5.0-0	✓	✓	✓	✓
HP Lights-Out Online Configuration Utility for Windows x64 Editions, v5.3.0.0	✓	✓	✓	✓
<b>Software - Storage Controller</b>				
HPE ProLiant Smart Array SAS/SATA Event Notification Service for 64-bit Windows Server Editions, v6.46.0.64 (E)			✓	✓
HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions, v1.2.1.64		✓		
<b>Software - Storage Fibre Channel HBA</b>				
HPE Emulex(BRCM) Fibre Channel Over Ethernet Enablement Kit for Red Hat Enterprise Linux 7 Server, v12.0.1210.0	✓	✓	✓	
HPE Emulex(BRCM) Fibre Channel Over Ethernet Enablement Kit for SUSE Linux Enterprise Server 12, v12.0.1210.0	✓	✓	✓	
HPE Emulex(BRCM) Fibre Channel Over Ethernet Enablement Kit for SUSE Linux Enterprise Server 15, v12.0.1210.0	✓	✓	✓	
Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL), v4.1-1 (b)	✓	✓	✓	
Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -SuSE Linux Enterprise Server(SLES), v4.1-1 (b)	✓	✓	✓	
HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 7 Server, v12.4.256.0	✓	✓	✓	
HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 8 Server, v12.4.256.0	✓	✓	✓	
HPE Emulex Fibre Channel Enablement Kit for SUSE Linux Enterprise Server 12, v12.4.256.0	✓	✓	✓	
HPE Emulex Fibre Channel Enablement Kit for SUSE Linux Enterprise Server 15, v12.4.256.0	✓	✓	✓	
HPE Emulex Smart SAN Enablement Kit for Linux, v1.0.0.0-4 (e)	✓	✓	✓	
HPE Emulex Smart SAN Enablement Kit for Windows 64 bit operating systems, v1.0.0.1 (i)	✓	✓	✓	

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant BL Servers

	HPE ProLiant BL660c Gen9 Server	HPE ProLiant BL460c Gen10 Server	HPE ProLiant BL460c Gen9 Server	HPE ProLiant WS460c Gen9 Graphics Server Blade
HPE QLogic Fibre Channel Enablement Kit for Linux, v6.0.0.0-11 (b)	✓	✓	✓	
HPE QLogic Smart SAN enablement kit for Linux, v3.3-3 (h)	✓	✓	✓	
HPE QLogic Smart SAN Enablement Kit for Windows 64 bit operating systems, v1.0.0.1 (i)	✓	✓	✓	
<b>Software - System Management</b>				
HPE Insight Management Agents for Windows Server x64 Editions, v11.0.0.0	✓		✓	✓
HPE Insight Management WBEM Providers for Windows Server x64 Editions, v10.75.0.0	✓		✓	✓
HPE ProLiant Agentless Management Service for Red Hat Enterprise Linux 7 Server, v2.9.1	✓		✓	✓
HPE ProLiant Agentless Management Service for Red Hat Enterprise Linux 8 Server, v2.9.1			✓	✓
HPE ProLiant Agentless Management Service for SUSE LINUX Enterprise Server 12, v2.9.1	✓		✓	
HPE ProLiant Agentless Management Service for SUSE LINUX Enterprise Server 15, v2.9.1			✓	
HPE System Health Application and Command Line Utilities for Red Hat Enterprise Linux 7 Server, v10.9.0	✓		✓	
HPE System Health Application and Command Line Utilities for Red Hat Enterprise Linux 8 Server, v10.9.1			✓	✓
HPE System Health Application and Command Line Utilities for SUSE LINUX Enterprise Server 12, v10.9.0	✓		✓	
HPE System Health Application and Command Line Utilities for SUSE LINUX Enterprise Server 15, v10.9.0			✓	
HPE System Management Homepage for Linux (AMD64/EM64T), v7.6.5-3	✓		✓	✓
HPE System Management Homepage for Windows x64, v7.6.3.3	✓		✓	✓
HPE System Management Homepage Templates for Linux, v10.8.1	✓		✓	✓
NVMe Drive Eject NMI Fix for Intel Xeon Processor Scalable Family for Windows, v1.1.0.0 (C)		✓		
NVMe Drive Eject NMI Fix for Intel Xeon v3 and Xeon v4 Processors for Windows Server 2012 R2 to Server 2019, v1.0.5.0 (C)	✓		✓	✓
Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 7 Server, v2.1.0		✓		
Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 8 Server, v2.1.0		✓		
Agentless Management Service (iLO 5) for SUSE Linux Enterprise Server 12, v2.1.0		✓		
Agentless Management Service (iLO 5) for SUSE Linux Enterprise Server 15, v2.1.0		✓		
Agentless Management Service for Windows X64, v2.10.0.0		✓		
HPE Offline Bundle for ESXi 6.5, v3.5.0	✓	✓	✓	
HPE Offline Bundle for ESXi 6.7, v3.5.0		✓	✓	
HPE ProLiant Agentless Management Service for HPE Apollo, ProLiant and Synergy Gen9 servers, v10.97.0.0	✓		✓	✓
HPE Smart Storage Administrator (HPE SSA) CLI for Linux 64-bit, v4.15.6.0	✓	✓	✓	
HPE Smart Storage Administrator (HPE SSA) CLI for VMware 6.5, v4.15.6.0	✓	✓	✓	



Service Pack for ProLiant, v2019.12.0 - HP ProLiant BL Servers				
	HPE ProLiant BL660c Gen9 Server	HPE ProLiant BL460c Gen10 Server	HPE ProLiant BL460c Gen9 Server	HPE ProLiant WS460c Gen9 Graphics Server Blade
HPE Smart Storage Administrator (HPE SSA) CLI for VMware 6.7, v4.15.6.0	✓	✓	✓	
HPE Smart Storage Administrator (HPE SSA) CLI for Windows 64-bit, v4.15.6.0	✓	✓	✓	
HPE Smart Storage Administrator (HPE SSA) for Linux 64-bit, v4.15.6.0	✓	✓	✓	
HPE Smart Storage Administrator (HPE SSA) for Windows 64-bit, v4.15.6.0	✓	✓	✓	
HPE Smart Storage Administrator Diagnostic Utility (HPE SSADU) CLI for Linux 64-bit, v4.15.6.0	✓	✓	✓	
HPE Smart Storage Administrator Diagnostic Utility (HPE SSADU) CLI for Windows 64-bit, v4.15.6.0	✓	✓	✓	
HPE SNMP Agents for Red Hat Enterprise Linux 7 Server, v10.9.0	✓		✓	
HPE SNMP Agents for Red Hat Enterprise Linux 8 Server, v10.9.0			✓	✓
HPE SNMP Agents for SUSE LINUX Enterprise Server 12, v10.9.0	✓		✓	
HPE SNMP Agents for SUSE LINUX Enterprise Server 15, v10.9.0			✓	
HPE Utilities Offline Bundle for ESXi 6.5, v3.5.0	✓	✓	✓	
HPE Utilities Offline Bundle for ESXi 6.7, v3.5.0		✓	✓	
Integrated Smart Update Tools for VMware ESXi 6.5, v2.5.0.0		✓		
Integrated Smart Update Tools for VMware ESXi 6.7, v2.5.0.0		✓		
<b>Firmware - Power Management</b>				
Online ROM Flash for Linux - Advanced Power Capping Microcontroller Firmware for HPE Gen10 Servers, v1.0.7		✓		
Online ROM Flash for Linux - Advanced Power Capping Microcontroller Firmware for HPE Gen9 Servers, v1.0.9 (J)	✓		✓	
Online ROM Flash for VMware ESXi - Advanced Power Capping Microcontroller Firmware for HPE Gen9 Servers, v1.0.9 (I)	✓		✓	
Online ROM Flash for Windows x64 - Advanced Power Capping Microcontroller Firmware for HPE Gen10 Servers, v1.0.7		✓		
Online ROM Flash for Windows x64 - Advanced Power Capping Microcontroller Firmware for HPE Gen9 Servers, v1.0.9(I)	✓		✓	✓
ROM Flash Firmware Package - Advanced Power Capping Microcontroller Firmware for HPE Gen10 Servers, v1.0.7		✓		
<b>Software - Network</b>				
Broadcom Active Health System Agent for HPE ProLiant Network Adapters for Linux x86_64, v1.0.21-1	✓		✓	✓
Intel Active Health System Agent for HPE ProLiant Network Adapters for Linux x86_64, v1.1.83.0-1 (B)	✓		✓	✓
<b>Software - Management</b>				
HPE SDK Python Module, v2.4			✓	
HPE Management Bundle Smart Component for ESXi 6.5, v2019.12.01	✓	✓	✓	
HPE Management Bundle Smart Component for ESXi 6.7, v2019.12.01	✓	✓	✓	
HPE SDK Python Module, v3.0.0			✓	

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant BL Servers

	HPE ProLiant BL660c Gen9 Server	HPE ProLiant BL460c Gen10 Server	HPE ProLiant BL460c Gen9 Server	HPE ProLiant WS460c Gen9 Graphics Server Blade
<b>Software - Storage Fibre Channel</b>				
Emulex Fibre Channel driver component for VMware vSphere 6.5, v2019.12.01	✓	✓	✓	
Emulex Fibre Channel driver component for VMware vSphere 6.7, v2019.12.01	✓	✓	✓	
Emulex(BRCM) Fibre Channel over Ethernet driver for VMware vSphere 6.5, v2019.03.01	✓	✓	✓	
Emulex(BRCM) Fibre Channel over Ethernet driver for VMware vSphere 6.7, v2019.03.01	✓	✓	✓	
QLogic Fibre Channel driver component for VMware vSphere 6.5, v2019.12.01	✓	✓	✓	
QLogic Fibre Channel driver component for VMware vSphere 6.7, v2019.12.01	✓	✓	✓	
<b>Driver - Storage Fibre Channel and Fibre Channel Over Ethernet</b>				
HPE Storage Fibre Channel Over Ethernet Adapter Kit for the x64 Emulex Storport Driver for Windows 2012, Windows 2012R2 and Windows 2016, v12.0.1192.0	✓	✓	✓	
HPE Storage Fibre Channel Over Ethernet Adapter Kit for the x64 Emulex Storport Driver for Windows 2019, v12.0.1192.0 (b)	✓	✓	✓	
Red Hat Enterprise Linux 7 Server FCoE Driver Kit for HPE Emulex(BRCM) Converged Network Adapters(CNAs) and mezzanine Converged Network Adapters(CNAs), v12.0.1216.0	✓	✓	✓	
SUSE Linux Enterprise Server 12 FCoE Driver Kit for HPE Emulex(BRCM) Converged Network Adapters(CNAs) and mezzanine Converged Network Adapters(CNAs), v12.0.1216.0	✓	✓	✓	
SUSE Linux Enterprise Server 15 FCoE Driver Kit for HPE Emulex(BRCM) Converged Network Adapters(CNAs) and mezzanine Converged Network Adapters(CNAs), v12.0.1216.0	✓	✓	✓	
HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2012R2 and Windows 2016, v12.4.243.4	✓	✓	✓	
HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2019, v12.4.243.4	✓	✓	✓	
HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2012 R2, v9.3.3.20 (b)	✓	✓	✓	
HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2016, v9.3.3.20 (b)	✓	✓	✓	
HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2019, v9.3.3.20 (b)	✓	✓	✓	
Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.07.6-k1 (b)	✓	✓	✓	
Red Hat Enterprise Linux 7 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓	✓	✓	
Red Hat Enterprise Linux 7 Update 6 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓	✓	✓	
Red Hat Enterprise Linux 7 Update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.07.6-k1	✓	✓	✓	
Red Hat Enterprise Linux 8 Server FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.08.0-k1 (b)	✓	✓	✓	
Red Hat Enterprise Linux 8 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓	✓	✓	
SUSE Linux Enterprise Server 12 FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.12.4-k1 (b)	✓	✓	✓	
SUSE Linux Enterprise Server 12 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓	✓	✓	

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant BL Servers

	HPE ProLiant BL660c Gen9 Server	HPE ProLiant BL460c Gen10 Server	HPE ProLiant BL460c Gen9 Server	HPE ProLiant WS460c Gen9 Graphics Server Blade
SUSE Linux Enterprise Server 12 Service Pack 3 FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v8.08.00.08.12.3-k12	✓	✓	✓	
SUSE Linux Enterprise Server 12 Service Pack 3 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓	✓	✓	
SUSE Linux Enterprise Server 15 FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.15.1-k1 (b)	✓	✓	✓	
SUSE Linux Enterprise Server 15 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓	✓	✓	
SUSE Linux Enterprise Server 15 Service Pack 0 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓	✓	✓	
SUSE Linux Enterprise Server 15 Service Pack 0 Fibre Channel Driver Kit Host Bus Adapters for HPE QLogic and mezzanine Host Bus Adapters, v10.01.00.52.15.0-k1	✓	✓	✓	
<b>Firmware - System</b>				
Firmware Package - Gen10 NVMe Backplane PIC Firmware, v1.20		✓		
Online Flash Component for Linux - Gen10 NVMe Backplane PIC Firmware, v1.20 (E)		✓		
Online Flash Component for Linux - NVMe Backplane PIC Firmware, v8.4 (D)	✓		✓	
Online Flash Component for VMware - NVMe Backplane PIC Firmware, v8.4 (D)	✓		✓	
Online Flash Component for Windows x64 - Gen10 NVMe Backplane PIC Firmware, v1.20 (D)		✓		
Online Flash Component for Windows x64 - NVMe Backplane PIC Firmware, v8.4 (E)	✓		✓	
Online ROM Flash for Linux - HPE Gen10 Innovation Engine Firmware for HPE Gen10 Servers, v0.2.1.2 (B)		✓		
Online ROM Flash for Windows x64 - HPE Gen10 Innovation Engine Firmware for HPE Gen10 Servers, v0.2.1.2		✓		
ROM Flash Firmware Package - HPE Gen10 Innovation Engine Firmware for HPE Gen10 Servers, v0.2.1.2		✓		
Online ROM Flash Component for Windows x64 - Server Platform Services (SPS) Firmware for HPE Gen10 Servers, v04.01.04.339		✓		
Online ROM Flash for Linux - Server Platform Services (SPS) Firmware for HPE Gen10 Servers, v04.01.04.339		✓		
ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for HPE Gen10 Servers, v04.01.04.339		✓		
<b>Firmware - NVDIMM</b>				
Firmware Package - 16GB NVDIMM-N DDR4-2666, v1.04 (A)		✓		
Online Flash Component for Linux - 16GB NVDIMM-N DDR4-2666, v1.04 (A)		✓		
Online Flash Component for Windows x64 - 16GB NVDIMM-N DDR4-2666, v1.04 (A)		✓		
<b>Driver - System</b>				
HPE Non-Volatile Memory Drivers for Microsoft Windows Server 2012 R2 and 2016, v3.0.1.2		✓		
<b>Firmware (Entitlement Required) - Storage Controller</b>				
HPE D3600/D3700/D3610/D3710 12Gb SAS Disk Enclosure ROM Flash Component for Linux (x64), v4.12	✓	✓	✓	
HPE D3600/D3700/D3610/D3710 12Gb SAS Disk Enclosure ROM Flash Component for VMware (ESXi), v4.12	✓	✓	✓	
HPE D3600/D3700/D3610/D3710 12Gb SAS Disk Enclosure ROM Flash Component for Windows (x64), v4.12	✓	✓	✓	

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant BL Servers

HPE ProLiant BL660c Gen9 Server  
HPE ProLiant BL460c Gen10 Server  
HPE ProLiant BL460c Gen9 Server  
HPE ProLiant WS460c Gen9 Graphics  
Server Blade

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant DL Servers

	HPE ProLiant DL580 Gen10 Server	HPE ProLiant DL580 Gen9 Server	HPE ProLiant DL560 Gen10 Server	HPE ProLiant DL560 Gen9 Server	HPE ProLiant DL385 Gen10 Plus Server	HPE ProLiant DL385 Gen10 Server	HPE ProLiant DL380 Gen10 Server	HPE ProLiant DL380 Gen9 Server	HPE ProLiant DL360 Gen10 Server	HPE ProLiant DL360 Gen9 Server	HPE ProLiant DL325 Gen10 Plus Server	HPE ProLiant DL325 Gen10 Server	HPE ProLiant DL180 Gen10 Server	HPE ProLiant DL180 Gen9 Server	HPE ProLiant DL160 Gen10 Server	HPE ProLiant DL160 Gen9 Server	HPE ProLiant DL120 Gen9 Server	HPE ProLiant DL80 Gen9 Server	HPE ProLiant DL60 Gen9 Server	HPE ProLiant DL20 Gen10 Server	HPE ProLiant DL20 Gen9 Server	
<b>BIOS - System ROM</b>																						
Online ROM Flash Component for Linux - HPE ProLiant DL380 Gen9/DL360 Gen9 (P89) Servers, v2.76_10-21-2019								✓		✓												
Online ROM Flash Component for Windows x64 - HPE ProLiant DL380 Gen9/DL360 Gen9 (P89) Servers, v2.76_10-21-2019								✓		✓												
Online ROM Flash Component for Linux - HPE ProLiant DL120 Gen9 (P86) Servers, v2.76_10-21-2019																						
Online ROM Flash Component for Linux - HPE ProLiant DL160 Gen10/DL180 Gen10 (U31) Servers, v2.22_11-13-2019													✓		✓							
Online ROM Flash Component for Linux - HPE ProLiant DL160 Gen9/DL180 Gen9 (U20) Servers, v2.76_10-21-2019														✓		✓						
Online ROM Flash Component for Linux - HPE ProLiant DL20 Gen10 (U43) Servers, v2.10_09-12-2019																					✓	
Online ROM Flash Component for Linux - HPE ProLiant DL20 Gen9 (U22) Servers, v2.84_11-07-2019																						✓
Online ROM Flash Component for Linux - HPE ProLiant DL325 Gen10 (A41) Servers, v2.30_10-18-2019																						
Online ROM Flash Component for Linux - HPE ProLiant DL325 Gen10 Plus (A43) Servers, v1.10_10-29-2019																						
Online ROM Flash Component for Linux - HPE ProLiant DL360 Gen10 (U32) Servers, v2.22_11-13-2019																						
Online ROM Flash Component for Linux - HPE ProLiant DL380 Gen10 (U30) Servers, v2.22_11-13-2019								✓														
Online ROM Flash Component for Linux - HPE ProLiant DL385 Gen10 (A40) Servers, v2.30_10-18-2019								✓														
Online ROM Flash Component for Linux - HPE ProLiant DL385 Gen10 Plus (A42) Servers, v1.10_10-29-2019								✓														
Online ROM Flash Component for Linux - HPE ProLiant DL560 Gen10/DL580 Gen10 (U34) Servers, v2.22_11-13-2019	✓		✓																			
Online ROM Flash Component for Linux - HPE ProLiant DL560 Gen9 (P85) Servers, v2.76_10-21-2019				✓																		
Online ROM Flash Component for Linux - HPE ProLiant DL580 Gen9 (U17) Servers, v2.76_10-21-2019		✓																				
Online ROM Flash Component for Linux - HPE ProLiant DL60 Gen9/DL80 Gen9 (U15) Servers, v2.76_10-21-2019																				✓	✓	
Online ROM Flash Component for VMware - HPE ProLiant DL120 Gen9 (P86) Servers, v2.76_10-21-2019																						
Online ROM Flash Component for VMware - HPE ProLiant DL160 Gen9/DL180 Gen9 (U20) Servers, v2.76_10-21-2019														✓		✓						
Online ROM Flash Component for VMware - HPE ProLiant DL20 Gen9 (U22) Servers, v2.84_11-07-2019																						✓
Online ROM Flash Component for VMware - HPE ProLiant DL380 Gen9/DL360 Gen9 (P89) Servers, v2.76_10-21-2019									✓		✓											
Online ROM Flash Component for VMware - HPE ProLiant DL560 Gen9 (P85) Servers, v2.76_10-21-2019																						
Online ROM Flash Component for VMware - HPE ProLiant DL580 Gen9 (U17) Servers, v2.76_10-21-2019		✓																				
Online ROM Flash Component for VMware - HPE ProLiant DL60 Gen9/DL80 Gen9 (U15) Servers, v2.76_10-21-2019																						
Online ROM Flash Component for Windows x64 - HPE ProLiant DL120 Gen9 (P86) Servers, v2.76_10-21-2019																						
Online ROM Flash Component for Windows x64 - HPE ProLiant DL160 Gen10/DL180 Gen10 (U31) Servers, v2.22_11-13-2019														✓		✓						
Online ROM Flash Component for Windows x64 - HPE ProLiant DL160 Gen9/DL180 Gen9 (U20) Servers, v2.76_10-21-2019															✓		✓					
Online ROM Flash Component for Windows x64 - HPE ProLiant DL20 Gen10 (U43) Servers, v2.10_09-12-2019																					✓	
Online ROM Flash Component for Windows x64 - HPE ProLiant DL20 Gen9 (U22) Servers, v2.84_11-07-2019																						✓
Online ROM Flash Component for Windows x64 - HPE ProLiant DL325 Gen10 (A41) Servers, v2.30_10-18-2019																						
Online ROM Flash Component for Windows x64 - HPE ProLiant DL325 Gen10 Plus (A43) Servers, v1.10_10-29-2019																						
Online ROM Flash Component for Windows x64 - HPE ProLiant DL360 Gen10 (U32) Servers, v2.22_11-13-2019																						
Online ROM Flash Component for Windows x64 - HPE ProLiant DL380 Gen10 (U30) Servers, v2.22_11-13-2019																						
Online ROM Flash Component for Windows x64 - HPE ProLiant DL385 Gen10 (A40) Servers, v2.30_10-18-2019																						
Online ROM Flash Component for Windows x64 - HPE ProLiant DL385 Gen10 Plus (A42) Servers, v1.10_10-29-2019																						
Online ROM Flash Component for Windows x64 - HPE ProLiant DL560 Gen10/DL580 Gen10 (U34) Servers, v2.22_11-13-2019	✓		✓																			
Online ROM Flash Component for Windows x64 - HPE ProLiant DL560 Gen9 (P85) Servers, v2.76_10-21-2019				✓																		
Online ROM Flash Component for Windows x64 - HPE ProLiant DL580 Gen9 (U17) Servers, v2.76_10-21-2019		✓																				
Online ROM Flash Component for Windows x64 - HPE ProLiant DL60 Gen9/DL80 Gen9 (U15) Servers, v2.76_10-21-2019																				✓	✓	
ROM Flash Firmware Package - HPE ProLiant DL160 Gen10/DL180 Gen10 (U31) Servers, v2.22_11-13-2019														✓		✓						

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant DL Servers

	HPE ProLiant DL580 Gen10 Server	HPE ProLiant DL580 Gen9 Server	HPE ProLiant DL560 Gen10 Server	HPE ProLiant DL560 Gen9 Server	HPE ProLiant DL385 Gen10 Plus Server	HPE ProLiant DL385 Gen10 Server	HPE ProLiant DL380 Gen10 Server	HPE ProLiant DL380 Gen9 Server	HPE ProLiant DL360 Gen10 Server	HPE ProLiant DL360 Gen9 Server	HPE ProLiant DL325 Gen10 Plus Server	HPE ProLiant DL325 Gen10 Server	HPE ProLiant DL180 Gen10 Server	HPE ProLiant DL180 Gen9 Server	HPE ProLiant DL160 Gen10 Server	HPE ProLiant DL160 Gen9 Server	HPE ProLiant DL120 Gen9 Server	HPE ProLiant DL80 Gen9 Server	HPE ProLiant DL60 Gen9 Server	HPE ProLiant DL20 Gen10 Server	HPE ProLiant DL20 Gen9 Server	
ROM Flash Firmware Package - HPE ProLiant DL20 Gen10 (U43) Servers, v2.10_09-12-2019																						✓
ROM Flash Firmware Package - HPE ProLiant DL325 Gen10 (A41) Servers, v2.30_10-18-2019											✓											
ROM Flash Firmware Package - HPE ProLiant DL360 Gen10 (U32) Servers, v2.22_11-13-2019																						
ROM Flash Firmware Package - HPE ProLiant DL380 Gen10 (U30) Servers, v2.22_11-13-2019										✓												
ROM Flash Firmware Package - HPE ProLiant DL385 Gen10 (A40) Servers, v2.30_10-18-2019						✓																
ROM Flash Firmware Package - HPE ProLiant DL560 Gen10/DL580 Gen10 (U34) Servers, v2.22_11-13-2019	✓		✓																			
ROM Flash Universal Firmware Package - HPE ProLiant DL325 Gen10 Plus (A43) Servers, v1.10_10-29-2019											✓											
ROM Flash Universal Firmware Package - HPE ProLiant DL385 Gen10 Plus (A42) Servers, v1.10_10-29-2019					✓																	
<b>Driver - Chipset</b>																						
Identifiers for AMD EPYC Processors for Windows, v3.0.0.0 (B)					✓	✓					✓	✓										
Identifiers for Intel Xeon E-2xxx Processor for Windows, v10.1.18015.8142																						✓
Identifiers for Intel Xeon Scalable Processors (First and Second Generation) for Windows, v10.1.18015.8142	✓		✓				✓		✓				✓		✓							
<b>Driver - Network</b>																						
HPE Broadcom NetXtreme-E Driver for Windows Server 2012 R2, v214.0.177.0 (B)	✓	✓				✓	✓		✓			✓	✓		✓							
HPE Broadcom NetXtreme-E Driver for Windows Server 2016, v214.0.177.0 (B)	✓	✓				✓	✓		✓			✓	✓		✓							✓
HPE Broadcom NetXtreme-E Driver for Windows Server 2019, v214.0.177.0 (B)	✓	✓				✓	✓		✓			✓	✓		✓							✓
HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7, v1.9.2-214.0.182.0 (C)	✓	✓				✓	✓		✓			✓	✓		✓							✓
HPE Broadcom NetXtreme-E Drivers for SUSE Linux Enterprise Server 12 x86_64, v1.9.2-214.0.182.0 (B)	✓	✓				✓	✓		✓			✓	✓		✓							
HPE Broadcom NetXtreme-E Drivers for SUSE Linux Enterprise Server 15, v1.9.2-214.0.182.0 (B)	✓	✓				✓	✓		✓			✓	✓		✓							
HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.5, v2019.12.20	✓	✓				✓	✓		✓			✓	✓		✓							✓
HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7, v2019.12.20	✓	✓				✓	✓		✓			✓	✓		✓							✓
HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 6, v214.0.181.0 (C)	✓	✓				✓	✓		✓			✓	✓		✓							✓
HPE Broadcom NetXtreme-E RoCE Library for SUSE Linux Enterprise Server 12 SP3, v214.0.181.0 (B)	✓	✓				✓	✓		✓			✓	✓		✓							
HPE Broadcom NetXtreme-E RoCE Library for SUSE Linux Enterprise Server 12 SP4, v214.0.181.0 (B)	✓	✓				✓	✓		✓			✓	✓		✓							
HPE Broadcom NetXtreme-E RoCE Library for SUSE Linux Enterprise Server 15, v214.0.181.0 (B)	✓	✓				✓	✓		✓			✓	✓		✓							
HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions, v214.0.0.0 (C)	✓	✓	✓	✓		✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64, v3.137y-1 (B)	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Broadcom tg3 Ethernet Drivers for SUSE Linux Enterprise Server 12 x86_64, v3.137y-2 (B)	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Broadcom tg3 Ethernet Drivers for SUSE Linux Enterprise Server 15, v3.137y-2 (B)	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20 GbE Driver for VMware vSphere 6.5, v2019.12.20	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20 GbE Driver for VMware vSphere 6.7, v2019.12.20	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20 GbE Driver for Windows Server 2012 R2, v12.0.1195.0 (B)	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20 GbE Driver for Windows Server 2016, v12.0.1195.0 (B)	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20 GbE Driver for Windows Server 2019, v12.0.1195.0 (B)	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20 GbE iSCSI Driver for Windows Server 2012 R2, v12.0.1171.0 (B)	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20 GbE iSCSI Driver for Windows Server 2016, v12.0.1171.0 (B)	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20 GbE iSCSI Driver for Windows Server 2019, v12.0.1171.0 (B)	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20GbE Drivers for Red Hat Enterprise Linux 7 x86_64, v12.0.1216.1-1 (B)	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20GbE Drivers for SUSE Linux Enterprise Server 12 x86_64, v12.0.1216.1-1 (B)	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20GbE Drivers for SUSE Linux Enterprise Server 15, v12.0.1216.1-1 (B)	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20GbE iSCSI Driver for VMware vSphere 6.5, v2019.12.20	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant DL Servers

	HPE ProLiant DL580 Gen10 Server	HPE ProLiant DL580 Gen9 Server	HPE ProLiant DL560 Gen10 Server	HPE ProLiant DL560 Gen9 Server	HPE ProLiant DL385 Gen10 Plus Server	HPE ProLiant DL385 Gen10 Server	HPE ProLiant DL380 Gen10 Server	HPE ProLiant DL380 Gen9 Server	HPE ProLiant DL360 Gen10 Server	HPE ProLiant DL360 Gen9 Server	HPE ProLiant DL325 Gen10 Plus Server	HPE ProLiant DL325 Gen10 Server	HPE ProLiant DL180 Gen10 Server	HPE ProLiant DL180 Gen9 Server	HPE ProLiant DL160 Gen10 Server	HPE ProLiant DL160 Gen9 Server	HPE ProLiant DL120 Gen9 Server	HPE ProLiant DL80 Gen9 Server	HPE ProLiant DL60 Gen9 Server	HPE ProLiant DL20 Gen10 Server	HPE ProLiant DL20 Gen9 Server	
HPE Emulex 10/20GbE iSCSI Driver for VMware vSphere 6.7, v2019.12.20	✓		✓			✓	✓	✓	✓	✓		✓									✓	
HPE Emulex 10/20GbE iSCSI Drivers for Red Hat Enterprise Linux 7 x86_64, v12.0.1216.1-1 (B)	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20GbE iSCSI Drivers for SUSE Linux Enterprise Server 12 x86_64, v12.0.1216.1-1 (B)	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20GbE iSCSI Drivers for SUSE Linux Enterprise Server 15, v12.0.1216.1-1 (B)	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Intel E1R Driver for Windows Server 2012 R2, v12.14.8.1	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Intel E1R Driver for Windows Server 2016, v12.15.184.7	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel E1R Driver for Windows Server 2019, v12.18.9.1	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64, v2.10.19.30-2	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Intel i40e Drivers for Red Hat Enterprise Linux 8, v2.10.19.30-2	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Intel i40e Drivers for SUSE Linux Enterprise Server 12 x86_64, v2.10.19.30-2	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Intel i40e Drivers for SUSE Linux Enterprise Server 15, v2.10.19.30-2	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Intel i40ea Driver for Windows Server 2012 R2, v1.11.101.0	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel i40ea Driver for Windows Server 2016, v1.11.101.0	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel i40ea Driver for Windows Server 2019, v1.11.101.0	✓		✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel i40eb Driver for Windows Server 2012 R2, v1.11.101.0	✓		✓			✓	✓		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel i40eb Driver for Windows Server 2016, v1.11.101.0	✓		✓			✓	✓		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel i40eb Driver for Windows Server 2019, v1.11.101.0	✓		✓			✓	✓		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel i40en Driver for VMware vSphere 6.5, v2019.12.20	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Intel i40en Driver for VMware vSphere 6.7, v2019.12.20	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Intel iavf Driver for Windows Server 2012 R2, v1.7.119.0	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel iavf Driver for Windows Server 2016, v1.7.119.0	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel iavf Driver for Windows Server 2019, v1.7.119.0	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64, v3.7.61.20-1	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Intel iavf Drivers for Red Hat Enterprise Linux 8, v3.7.61.20-1	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Intel iavf Drivers for SUSE Linux Enterprise Server 12 x86_64, v3.7.61.20-1	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Intel iavf Drivers for SUSE Linux Enterprise Server 15, v3.7.61.20-1	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64, v6.2.1-1	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Intel igb Drivers for Red Hat Enterprise Linux 8, v6.2.1-1	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Intel igb Drivers for SUSE Linux Enterprise Server 12 x86_64, v6.2.1-1	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Intel igb Drivers for SUSE Linux Enterprise Server 15, v6.2.1-1	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Intel igbn Driver for VMware vSphere 6.5, v2019.12.20	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Intel igbn Driver for VMware vSphere 6.7, v2019.12.20	✓		✓			✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 7 x86_64, v5.6.4-2	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 8, v5.6.4-2	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgbe Drivers for SUSE Linux Enterprise Server 12 x86_64, v5.6.4-2	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgbe Drivers for SUSE Linux Enterprise Server 15, v5.6.4-2	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgben Driver for VMware vSphere 6.5, v2019.12.20	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgben Driver for VMware vSphere 6.7, v2019.12.20	✓		✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 7 x86_64, v4.6.2-2	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 8, v4.6.2-2	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgbev Drivers for SUSE Linux Enterprise Server 12 x86_64, v4.6.2-2	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓	✓	✓	✓

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant DL Servers

	HPE ProLiant DL580 Gen10 Server	HPE ProLiant DL580 Gen9 Server	HPE ProLiant DL560 Gen10 Server	HPE ProLiant DL560 Gen9 Server	HPE ProLiant DL385 Gen10 Plus Server	HPE ProLiant DL385 Gen10 Server	HPE ProLiant DL380 Gen10 Server	HPE ProLiant DL380 Gen9 Server	HPE ProLiant DL360 Gen10 Server	HPE ProLiant DL360 Gen9 Server	HPE ProLiant DL325 Gen10 Plus Server	HPE ProLiant DL325 Gen10 Server	HPE ProLiant DL180 Gen10 Server	HPE ProLiant DL180 Gen9 Server	HPE ProLiant DL160 Gen10 Server	HPE ProLiant DL160 Gen9 Server	HPE ProLiant DL120 Gen9 Server	HPE ProLiant DL80 Gen9 Server	HPE ProLiant DL60 Gen9 Server	HPE ProLiant DL20 Gen10 Server	HPE ProLiant DL20 Gen9 Server
HPE Intel ixgbev Drivers for SUSE Linux Enterprise Server 15, v4.6.2-2	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Intel ixn Driver for Windows Server 2012 R2, v3.14.132.0 (B)	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Intel ixn Driver for Windows Server 2016, v4.1.131.0 (B)	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Intel ixn Driver for Windows Server 2019, v4.1.143.0 (C)	✓		✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Intel ixS Driver for Windows Server 2012 R2, v3.14.132.0 (B)	✓		✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Intel ixS Driver for Windows Server 2016, v4.1.131.0 (B)	✓		✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Intel ixS Driver for Windows Server 2019, v4.1.143.0 (B)	✓		✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Intel vxn Driver for Windows Server 2012 R2, v1.0.16.1 (B)	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Intel vxn Driver for Windows Server 2016, v2.0.210.0 (D)	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Intel vxn Driver for Windows Server 2019, v2.1.138.0 (B)	✓		✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Intel vxs Driver for Windows Server 2012 R2, v1.2.131.0 (B)	✓		✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Intel vxs Driver for Windows Server 2016, v2.1.133.0 (B)	✓		✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Intel vxs Driver for Windows Server 2019, v2.1.138.0 (B)	✓		✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Mellanox CX3 Driver for Windows Server 2012 R2, v5.35.12978.0 (B)		✓		✓				✓		✓			✓		✓	✓	✓	✓	✓		✓
HPE Mellanox CX3 Driver for Windows Server 2016, v5.35.12978.0 (D)		✓		✓				✓		✓			✓		✓	✓	✓	✓	✓		✓
HPE Mellanox CX4LX and CX5 Driver for Windows Server 2012 R2, v2.30.21713.0	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Mellanox CX4LX and CX5 Driver for Windows Server 2016, v2.30.21713.0	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Mellanox CX4LX and CX5 Driver for Windows Server 2019, v2.30.21713.0	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 7 Update 6 (x86_64), v4.13	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓
HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 7 Update 7 (x86_64), v4.13	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓
HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 8 (x86_64), v4.13	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓
HPE Mellanox MFT Driver and Firmware Tools for SUSE Linux Enterprise Server 12 SP3 (AMD64/EM64T), v4.13	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓
HPE Mellanox MFT Driver and Firmware Tools for SUSE Linux Enterprise Server 12 SP4 (AMD64/EM64T), v4.13	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓
HPE Mellanox MFT Driver and Firmware Tools for SUSE Linux Enterprise Server 15 SP0 (AMD64/EM64T), v4.13	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓
HPE Mellanox MFT Driver and Firmware Tools for SUSE Linux Enterprise Server 15 SP1 (AMD64/EM64T), v4.13	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 6 (x86_64), v4.7	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 7 (x86_64), v4.7	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 8 (x86_64), v4.7	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for SUSE LINUX Enterprise Server 12 SP3 (AMD64/EM64T), v4.7	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for SUSE LINUX Enterprise Server 12 SP4 (AMD64/EM64T), v4.7	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for SUSE LINUX Enterprise Server 15 SP0 (AMD64/EM64T), v4.7	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for SUSE LINUX Enterprise Server 15 SP1 (AMD64/EM64T), v4.7	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 7 x86_64, v8.42.8.0-1	✓		✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 8, v8.42.8.0-1	✓		✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE QLogic FastLinQ 10/25/50 GbE Drivers for SUSE Linux Enterprise Server 12 x86_64, v8.42.8.0-1	✓		✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE QLogic FastLinQ 10/25/50 GbE Drivers for SUSE Linux Enterprise Server 15, v8.42.8.0-1	✓		✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE QLogic FastLinQ 10/25/50 GbE Drivers for Windows Server x64 Editions, v8.42.10.0	✓		✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 6.5, v2019.12.20	✓		✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 6.7, v2019.12.20	✓		✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE QLogic FastLinQ Open-iSCSI Driver for Red Hat Enterprise Linux 7 Update 6, v2.0-873.113-1 (D)	✓		✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓
HPE QLogic FastLinQ Open-iSCSI Driver for Red Hat Enterprise Linux 7 Update 7, v2.0-873.113-1	✓		✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓



## Service Pack for ProLiant, v2019.12.0 - HP ProLiant DL Servers

	HPE ProLiant DL580 Gen10 Server	HPE ProLiant DL580 Gen9 Server	HPE ProLiant DL560 Gen10 Server	HPE ProLiant DL560 Gen9 Server	HPE ProLiant DL385 Gen10 Plus Server	HPE ProLiant DL385 Gen10 Server	HPE ProLiant DL380 Gen10 Server	HPE ProLiant DL380 Gen9 Server	HPE ProLiant DL360 Gen10 Server	HPE ProLiant DL360 Gen9 Server	HPE ProLiant DL325 Gen10 Plus Server	HPE ProLiant DL325 Gen10 Server	HPE ProLiant DL180 Gen10 Server	HPE ProLiant DL180 Gen9 Server	HPE ProLiant DL160 Gen10 Server	HPE ProLiant DL160 Gen9 Server	HPE ProLiant DL120 Gen9 Server	HPE ProLiant DL80 Gen9 Server	HPE ProLiant DL60 Gen9 Server	HPE ProLiant DL20 Gen10 Server	HPE ProLiant DL20 Gen9 Server	
HPE QLogic FastLinQ Open-iSCSI Driver for Red Hat Enterprise Linux 8 Update 0, v2.0-873.113-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic FastLinQ Open-iSCSI Driver for SUSE Linux Enterprise Server 12 SP3, v2.0-873.113-1 (D)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic FastLinQ Open-iSCSI Driver for SUSE Linux Enterprise Server 12 SP4, v2.0-873.113-1 (D)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic FastLinQ Open-iSCSI Driver for SUSE Linux Enterprise Server 15 SP0, v2.0-873.113-1 (D)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic FastLinQ Open-iSCSI Driver for SUSE Linux Enterprise Server 15 SP1, v2.0-873.113-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic iSCSI Offload IO Daemon for Red Hat Enterprise Linux 7 Update 6, v2.11.5.13-3 (B)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic iSCSI Offload IO Daemon for Red Hat Enterprise Linux 7 Update 7, v2.11.5.13-3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic iSCSI Offload IO Daemon for Red Hat Enterprise Linux 8 Update 0, v2.11.5.13-3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic iSCSI Offload IO Daemon for SUSE Linux Enterprise Server 12 SP3 x86_64, v2.11.5.13-3 (B)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic iSCSI Offload IO Daemon for SUSE Linux Enterprise Server 12 SP4, v2.11.5.13-3 (B)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic iSCSI Offload IO Daemon for SUSE Linux Enterprise Server 15 SP0, v2.11.5.13-3 (B)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic iSCSI Offload IO Daemon for SUSE Linux Enterprise Server 15 SP1, v2.11.5.13-3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.5, v2019.12.20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.7, v2019.12.20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64, v7.14.63-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8, v7.14.63-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic NX2 10/20 GbE Multifunction Drivers for SUSE Linux Enterprise Server 12 x86_64, v7.14.63-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic NX2 10/20 GbE Multifunction Drivers for SUSE Linux Enterprise Server 15, v7.14.63-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions, v7.13.171.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Intel i350 Driver for Windows Server 2016, v12.15.184.7					✓						✓											
Intel i350 Driver for Windows Server 2019, v12.18.9.1					✓						✓											
Marvell FastLinQ 10/25/50 GbE Drivers for Windows Server x64 Editions, v8.42.10.0					✓						✓											
Mellanox CX4LX and CX5 Driver for Windows Server 2016, v2.30.21713.0					✓						✓											
Mellanox CX4LX and CX5 Driver for Windows Server 2019, v2.30.21713.0					✓						✓											
nmlx4_en Driver Component for VMware 6.5, v2019.06.14	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VMware ESXi 6.5 and 6.7 MST Drivers Offline Bundle for Mellanox Adapters, v4.12.0.105	✓	✓	✓	✓		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mellanox net-mst Kernel Driver Component for VMware ESXi 6.5 and 6.7, v2019.01.02	✓	✓	✓	✓		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
nmlx5_en Driver Component for VMware 6.5, v2019.06.19	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
nmlx5_en Driver Component for VMware 6.7, v2019.06.19	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Driver - Storage</b>																						
Dynamic Smart Array B140i Controller Driver for 64-bit Microsoft Windows Server 2012/2012 R2/2016/2019 Editions, v62.12.0.64 (B)				✓				✓		✓			✓		✓	✓	✓	✓	✓	✓	✓	
HPE Smart Array S100i SR Gen10 SW RAID Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019, v106.12.4.0	✓		✓			✓	✓					✓	✓		✓							
<b>Driver - Storage Controller</b>																						
HPE Dynamic Smart Array B140i Controller Driver for VMware vSphere 6.5 (Driver Component), v2019.05.01				✓				✓		✓			✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Dynamic Smart Array B140i Controller Driver for VMware vSphere 6.7 (Driver Component), v2019.05.01				✓				✓		✓			✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Dynamic Smart Array B140i SATA RAID Controller Driver for Red Hat Enterprise Linux 7 (64-bit), v1.2.10-167				✓				✓		✓			✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Dynamic Smart Array B140i SATA RAID Controller Driver for Red Hat Enterprise Linux 8 (64-bit), v1.2.10-162				✓				✓		✓			✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Dynamic Smart Array B140i SATA RAID Controller Driver for SUSE LINUX Enterprise Server 12 (64-bit), v1.2.10-162				✓				✓		✓			✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Dynamic Smart Array B140i SATA RAID Controller Driver for SUSE LINUX Enterprise Server 15 (64-bit), v1.2.10-162				✓				✓		✓			✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Dynamic Smart Array Controller Driver for VMware vSphere 6.5 (Bundle file), v5.5.0.68-1				✓				✓		✓			✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Dynamic Smart Array Controller Driver for VMware vSphere 6.7 (Bundle file), v5.5.0.68-1				✓				✓		✓			✓		✓	✓	✓	✓	✓	✓	✓	✓

**Service Pack for ProLiant, v2019.12.0 - HP ProLiant DL Servers**

	HPE ProLiant DL580 Gen10 Server	HPE ProLiant DL580 Gen9 Server	HPE ProLiant DL560 Gen10 Server	HPE ProLiant DL560 Gen9 Server	HPE ProLiant DL385 Gen10 Plus Server	HPE ProLiant DL385 Gen10 Server	HPE ProLiant DL380 Gen10 Server	HPE ProLiant DL380 Gen9 Server	HPE ProLiant DL360 Gen10 Server	HPE ProLiant DL360 Gen9 Server	HPE ProLiant DL325 Gen10 Plus Server	HPE ProLiant DL325 Gen10 Server	HPE ProLiant DL180 Gen10 Server	HPE ProLiant DL180 Gen9 Server	HPE ProLiant DL160 Gen10 Server	HPE ProLiant DL160 Gen9 Server	HPE ProLiant DL120 Gen9 Server	HPE ProLiant DL80 Gen9 Server	HPE ProLiant DL60 Gen9 Server	HPE ProLiant DL20 Gen10 Server	HPE ProLiant DL20 Gen9 Server	
HPE H2xx SAS/SATA Host Bus Adapter (64-bit) Driver for vSphere 6.5 (Driver Component), v2017.01.20 (A)				✓				✓		✓												
HPE H2xx SAS/SATA Host Bus Adapter (64-bit) Driver for vSphere 6.5, v15.10.07.00-1 (A)				✓				✓		✓												
HPE H2xx SAS/SATA Host Bus Adapter Driver for 64-bit Microsoft Windows Server 2016 Editions, v2.68.64.2 (C)				✓				✓		✓												
HPE H2xx SAS/SATA Host Bus Adapter Driver for Microsoft Windows Server 2012 R2 64-bit Editions, v2.68.64.1 (B)				✓				✓		✓												
HPE H2xx SAS/SATA Host Bus Adapter Driver for Red Hat Enterprise Linux 7 (64-bit), v15.10.09.00-2				✓				✓		✓												
HPE H2xx SAS/SATA Host Bus Adapter Driver for SUSE LINUX Enterprise Server 12 (64-bit), v15.10.09.00-1				✓				✓		✓												
HPE ProLiant Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit), v3.4.20-181		✓		✓				✓		✓				✓		✓	✓	✓	✓			
HPE ProLiant Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit), v3.4.20-170		✓		✓				✓		✓				✓		✓	✓	✓	✓			
HPE ProLiant Smart Array Controller (64-bit) Driver for SUSE LINUX Enterprise Server 12 (64-bit), v3.4.20-170		✓		✓				✓		✓				✓		✓	✓	✓	✓			
HPE ProLiant Smart Array Controller (64-bit) Driver for SUSE LINUX Enterprise Server 15 (64-bit), v3.4.20-170		✓		✓				✓		✓				✓		✓	✓	✓	✓			
HPE ProLiant Smart Array HPCISS53 Controller Driver for 64-bit Microsoft Windows Server 2012/2012 R2/2016/2019 Editions, v106.26.0.64		✓		✓				✓		✓				✓		✓	✓	✓	✓			
HPE Smart Array P824i-p MR 64-bit controller driver for Microsoft Windows 2012 R2 edition., v6.714.18.0	✓		✓			✓	✓		✓													
HPE Smart Array P824i-p MR 64-bit controller driver for Microsoft Windows 2016 edition., v6.714.18.0	✓		✓			✓	✓		✓													
HPE Smart Array P824i-p MR controller (64-bit) Driver for vSphere 6.5 (Driver Component), v2018.06.04	✓		✓			✓	✓		✓													
HPE Smart Array P824i-p MR controller (64-bit) Driver for vSphere 6.5, v7.706.08.00-1	✓		✓			✓	✓		✓													
HPE Smart Array P824i-p MR controller (64-bit) Driver for vSphere 6.7 (Driver Component), v2018.02.12	✓		✓			✓	✓		✓													
HPE Smart Array P824i-p MR controller (64-bit) Driver for vSphere 6.7, v7.706.08.00-1	✓		✓			✓	✓		✓													
HPE Smart Array P824i-p MR controller Driver for 64-bit Red Hat Enterprise Linux 7, v07.706.05.00-14	✓		✓			✓	✓		✓													
HPE Smart Array P824i-p MR controller Driver for 64-bit SUSE LINUX Enterprise Server 12, v07.706.05.00-14	✓		✓			✓	✓		✓													
HPE Smart Array P824i-p MR controller Driver for 64-bit SUSE LINUX Enterprise Server 15, v07.706.05.00-14	✓		✓			✓	✓		✓													
HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit), v1.2.10-025	✓		✓		✓	✓	✓		✓		✓	✓	✓		✓							
HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit), v1.2.10-025	✓		✓		✓	✓	✓		✓		✓	✓	✓		✓							
HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for SUSE LINUX Enterprise Server 12 (64-bit), v1.2.10-025	✓		✓		✓	✓	✓		✓		✓	✓	✓		✓							
HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for SUSE LINUX Enterprise Server 15 (64-bit), v1.2.10-025	✓		✓		✓	✓	✓		✓		✓	✓	✓		✓							
HPE ProLiant Gen10 Smart Array Controller Driver for VMware ESXi 6.5 (Bundle file), v1.0.4.3008	✓		✓		✓	✓	✓		✓		✓	✓	✓		✓							
HPE ProLiant Gen10 Smart Array Controller Driver for VMware ESXi 6.7 (Bundle file), v1.0.4.3008	✓		✓		✓	✓	✓		✓		✓	✓	✓		✓							
HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component), v2019.12.01	✓		✓		✓	✓	✓		✓		✓	✓	✓		✓							
HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component), v2019.12.01	✓		✓		✓	✓	✓		✓		✓	✓	✓		✓							
HPE ProLiant Smart Array Controller Driver for VMware vSphere 6.5 (Bundle file), v2.0.44-1		✓		✓				✓		✓				✓		✓	✓	✓	✓			
HPE ProLiant Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component), v2019.09.01		✓		✓				✓		✓				✓		✓	✓	✓	✓			
HPE ProLiant Smart Array Controller Driver for VMware vSphere 6.7 (Bundle file), v2.0.44-1		✓		✓				✓		✓				✓		✓	✓	✓	✓			
HPE ProLiant Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component), v2019.09.01		✓		✓				✓		✓				✓		✓	✓	✓	✓			
HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019, v106.166.0.1022	✓		✓		✓	✓	✓		✓		✓	✓	✓		✓							
<b>Driver - System Management</b>																						
iLO 3/4 Channel Interface Driver for Windows Server 2008 to Server 2012 R2, v3.30.0.0		✓		✓				✓		✓			✓		✓	✓	✓	✓	✓			✓
iLO 4 Channel Interface Driver for Windows Server 2012 and Server 2012 R2, v4.0.0.0		✓		✓				✓		✓			✓		✓	✓	✓	✓	✓			✓
iLO 4 Channel Interface Driver for Windows Server 2012 and Server 2012 R2, v4.1.0.0		✓		✓				✓		✓			✓		✓	✓	✓	✓	✓			✓
iLO 4 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.0.0.0		✓		✓				✓		✓			✓		✓	✓	✓	✓	✓			✓
iLO 4 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.1.0.0		✓		✓				✓		✓			✓		✓	✓	✓	✓	✓			✓
iLO 4 Management Controller Driver Package for Windows Server 2012 and Server 2012 R2, v4.0.0.0		✓		✓				✓		✓			✓		✓	✓	✓	✓	✓			✓
iLO 4 Management Controller Driver Package for Windows Server 2016 and Server 2019, v4.0.0.0 (B)		✓		✓				✓		✓			✓		✓	✓	✓	✓	✓			✓

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant DL Servers

	HPE ProLiant DL580 Gen10 Server	HPE ProLiant DL580 Gen9 Server	HPE ProLiant DL560 Gen10 Server	HPE ProLiant DL560 Gen9 Server	HPE ProLiant DL385 Gen10 Plus Server	HPE ProLiant DL385 Gen10 Server	HPE ProLiant DL380 Gen10 Server	HPE ProLiant DL380 Gen9 Server	HPE ProLiant DL360 Gen10 Server	HPE ProLiant DL360 Gen9 Server	HPE ProLiant DL325 Gen10 Plus Server	HPE ProLiant DL325 Gen10 Server	HPE ProLiant DL180 Gen10 Server	HPE ProLiant DL180 Gen9 Server	HPE ProLiant DL160 Gen10 Server	HPE ProLiant DL160 Gen9 Server	HPE ProLiant DL120 Gen9 Server	HPE ProLiant DL80 Gen9 Server	HPE ProLiant DL60 Gen9 Server	HPE ProLiant DL20 Gen10 Server	HPE ProLiant DL20 Gen9 Server	
iLO 5 Channel Interface Driver for Windows Server 2012 R2, v4.3.0.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
iLO 5 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.3.0.0 (B)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE ProLiant Gen9 Chipset Identifier for Windows Server 2012 R2 to Server 2019, v10.1.17969.8134	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
iLO 5 Automatic Server Recovery Driver for Windows Server 2012 R2, v4.6.0.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
iLO 5 Automatic Server Recovery Driver for Windows Server 2016 and Server 2019, v4.6.0.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
iLO 5 Channel Interface Driver for Windows Server 2012 R2, v4.6.0.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
iLO 5 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.6.0.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
iLO 5 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.6.0.0 (B)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Driver - Video</b>																						
Matrox G200eH Video Controller Driver for Windows Server 2012 and Server 2012 R2, v9.15.1.224	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Matrox G200eH Video Controller Driver for Windows Server 2016 and Server 2019, v9.15.1.224	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Matrox G200eH3 Video Controller Driver for Windows Server 2012 R2, v9.15.1.224 (B)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Matrox G200eH3 Video Controller Driver for Windows Server 2016 and Server 2019, v9.15.1.224 (B)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Firmware - Lights-Out Management</b>																						
Online ROM Flash Component for Linux - HPE Integrated Lights-Out 4, v2.72	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Online ROM Flash Component for Linux - HPE Integrated Lights-Out 5, v1.40 (a)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Online ROM Flash Component for Linux - HPE Integrated Lights-Out 5, v2.10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Online ROM Flash Component for VMware ESXi - HPE Integrated Lights-Out 4, v2.72	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Online ROM Flash Component for Windows x64 - HPE Integrated Lights-Out 4, v2.72	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Online ROM Flash Component for Windows x64 - HPE Integrated Lights-Out 5, v1.40 (a)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Online ROM Flash Component for Windows x64 - HPE Integrated Lights-Out 5, v2.10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Online ROM Flash Firmware Package - HPE Integrated Lights-Out 5, v1.40 (a)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Online ROM Flash Firmware Package - HPE Integrated Lights-Out 5, v2.10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Firmware - Network</b>																						
HPE Firmware Flash for Emulex Converged Network Adapters for Linux (x64), v2019.03.01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Firmware Flash for Emulex Converged Network Adapters for VMware vSphere 6.5, v2019.03.01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Firmware Flash for Emulex Converged Network Adapters for VMware vSphere 6.7, v2019.03.01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Firmware Flash for Emulex Converged Network Adapters for Windows (x64), v2019.03.01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Linux x86_64, v1.7.6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for VMware, v5.9.5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64, v2.24.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware, v1.25.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel Online Firmware Upgrade Utility for Linux x86_64, v1.19.11	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel Online Firmware Upgrade Utility for VMware, v3.12.12	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic FastLinQ Online Firmware Upgrade Utility for Linux x86_64, v1.8.12	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic FastLinQ Online Firmware Upgrade Utility for VMware, v4.11.9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic FastLinQ Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64, v2.26.7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant DL Servers

	HPE ProLiant DL580 Gen10 Server	HPE ProLiant DL580 Gen9 Server	HPE ProLiant DL560 Gen10 Server	HPE ProLiant DL560 Gen9 Server	HPE ProLiant DL385 Gen10 Plus Server	HPE ProLiant DL385 Gen10 Server	HPE ProLiant DL380 Gen10 Server	HPE ProLiant DL380 Gen9 Server	HPE ProLiant DL360 Gen10 Server	HPE ProLiant DL360 Gen9 Server	HPE ProLiant DL325 Gen10 Plus Server	HPE ProLiant DL325 Gen10 Server	HPE ProLiant DL180 Gen10 Server	HPE ProLiant DL180 Gen9 Server	HPE ProLiant DL160 Gen10 Server	HPE ProLiant DL160 Gen9 Server	HPE ProLiant DL120 Gen9 Server	HPE ProLiant DL80 Gen9 Server	HPE ProLiant DL60 Gen9 Server	HPE ProLiant DL20 Gen10 Server	HPE ProLiant DL20 Gen9 Server	
HPE QLogic NX2 Online Firmware Upgrade Utility for VMware, v1.26.4	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓						
HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓						
Intel Online Firmware Upgrade Utility for Linux x86_64, v1.19.10					✓						✓											
Intel Online Firmware Upgrade Utility for VMware, v3.12.10					✓						✓											
Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0					✓						✓											
Marvell FastLinQ Online Firmware Upgrade Utility for Linux x86_64, v1.8.13					✓						✓											
Marvell FastLinQ Online Firmware Upgrade Utility for VMware, v4.11.14					✓						✓											
Marvell FastLinQ Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0					✓						✓											
Online Firmware Upgrade Utility (ESXi 6.5) for HPE Ethernet 10Gb 2-port 548SFP+ Adapter, v1.0.1	✓		✓		✓	✓	✓		✓			✓										
Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox Ethernet only adapters, v1.0.6	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓										✓
Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 6.5, v1.0.5	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓										
Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox VPI (Ethernet and Infiniband mode) devices on VMware ESXi 6.5, v1.0.4	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓										
Online Firmware Upgrade Utility (ESXi 6.5) for Mellanox Open Ethernet cards, v1.0.0					✓						✓											
Online Firmware Upgrade Utility (ESXi 6.7) for HPE Ethernet 10Gb 2-port 548SFP+ Adapter, v1.0.1	✓		✓		✓	✓	✓		✓			✓										
Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox Ethernet only adapters, v1.0.2	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓										✓
Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 6.7, v1.0.1	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓										
Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox VPI (Ethernet and Infiniband mode) devices on VMware ESXi 6.7, v1.0.2	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓										
Online Firmware Upgrade Utility (ESXi 6.7) for Mellanox Open Ethernet cards, v1.0.0					✓						✓											
Online Firmware Upgrade Utility (Linux x86_64) for HPE Ethernet 10Gb 2-port 548SFP+ Adapter, v1.0.1	✓		✓		✓	✓	✓		✓			✓										
Online Firmware Upgrade Utility (Linux x86_64) for HPE Infiniband FDR 2P 545QSFP Adapter (HP Part # 702211-B21), HPE Infiniband FDR 2P 545FLR-QSFP Adapter (HP Part # 702212-B21) and HPE Infiniband FDR 2P 545M Adapter (HP Part #702213-B21), v1.0.7		✓		✓				✓		✓				✓		✓	✓	✓	✓	✓		
Online Firmware Upgrade Utility (Linux x86_64) for HPE Intel OPA adapters, v1.9.2	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox Ethernet only adapters, v1.0.11	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓										✓
Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox IB only ConnectX4 and ConnectX5 devices on Linux x86_64 platform, v1.0.4	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓										
Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Linux x86_64 platform, v1.0.7	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓										
Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX6 devices on Linux x86_64 platform, v1.0.1	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓										
Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and Infiniband mode) devices on Linux x86_64 platform, v1.0.9	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓										
Online Firmware Upgrade Utility (Linux x86_64) for Mellanox Open Ethernet cards, v1.0.0					✓						✓											
Online Firmware Upgrade Utility (Windows x64) for HPE Ethernet 10Gb 2-port 548SFP+ Adapter, v1.0.0.1	✓		✓		✓	✓	✓		✓			✓										
Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters, v1.0.0.11	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓										✓
Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox IB only ConnectX4 and ConnectX5 devices on Windows x86_64 platform, v1.0.0.4	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓										
Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Windows x86_64 platform, v1.0.0.6	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓										
Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) devices on Windows x86_64 platform, v1.0.0.9	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓										
Online Firmware Upgrade Utility (Windows x64) for Mellanox Open Ethernet cards, v1.0.0.0					✓						✓											
<b>Firmware - Storage Controller</b>																						
Online ROM Flash Component for ESXi (x86) - HPE Smart Array P824i-p MR Gen10, v24.23.0-0042	✓		✓			✓	✓		✓				✓									
Online ROM Flash Component for Linux (x64) - HPE Smart Array P824i-p MR Gen10, v24.23.0-0042 (A)	✓		✓			✓	✓		✓				✓									
Online ROM Flash Component for Linux - HPE Host Bus Adapters H221, v15.10.10.00 (C)				✓				✓		✓												
Online ROM Flash component for VMware ESXi - HPE Dual 8GB microSD USB, v1.3.2.215 (B)		✓		✓				✓		✓				✓		✓	✓	✓	✓	✓		

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant DL Servers

	HPE ProLiant DL580 Gen10 Server	HPE ProLiant DL580 Gen9 Server	HPE ProLiant DL560 Gen10 Server	HPE ProLiant DL560 Gen9 Server	HPE ProLiant DL385 Gen10 Plus Server	HPE ProLiant DL385 Gen10 Server	HPE ProLiant DL380 Gen10 Server	HPE ProLiant DL380 Gen9 Server	HPE ProLiant DL360 Gen10 Server	HPE ProLiant DL360 Gen9 Server	HPE ProLiant DL325 Gen10 Plus Server	HPE ProLiant DL325 Gen10 Server	HPE ProLiant DL180 Gen10 Server	HPE ProLiant DL180 Gen9 Server	HPE ProLiant DL160 Gen10 Server	HPE ProLiant DL160 Gen9 Server	HPE ProLiant DL120 Gen9 Server	HPE ProLiant DL80 Gen9 Server	HPE ProLiant DL60 Gen9 Server	HPE ProLiant DL20 Gen10 Server	HPE ProLiant DL20 Gen9 Server	
Online ROM Flash Component for VMware ESXi - HPE Express Bay Enablement Switch Card, v1.78 (B)	✓		✓					✓	✓													
Online ROM Flash Component for VMware ESXi - Smart Array and Smart HBA H240ar, H240nr, H240, H241, H244br, P240nr, P244br, P246br, P440ar, P440, P441, P542D, P741m, P840, P840ar, and P841, v7.00		✓	✓				✓		✓				✓		✓	✓	✓	✓	✓	✓		✓
Online ROM Flash Component for VMware ESXi - Smart Array P230i, P430, P431, P731m, P830i, and P830, v5.02		✓																				
Online ROM Flash Component for VMware ESXi - HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers, v4.22	✓		✓			✓	✓	✓														
Online ROM Flash Component for Windows (x64) - HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers, v4.22	✓		✓			✓	✓	✓														
Online ROM Flash Component for Windows (x64) - HPE Express Bay Enablement Switch Card, v1.78 (C)		✓		✓																		
Online ROM Flash Component for Windows (x64) - HPE Host Bus Adapters H221, v15.10.10.00 (E)				✓				✓		✓												
Online ROM Flash Component for Windows (x64) - HPE Smart Array P824i-p MR Gen10, v24.23.0-0042 (A)	✓		✓			✓	✓		✓				✓									
Online ROM Flash Component for Windows (x64) - Smart Array and Smart HBA H240ar, H240nr, H240, H241, H244br, P240nr, P244br, P246br, P440ar, P440, P441, P542D, P741m, P840, P840ar, and P841, v7.00		✓		✓				✓		✓			✓		✓	✓	✓	✓	✓	✓		✓
Online ROM Flash Component for Windows (x64) - Smart Array P230i, P430, P431, P731m, P830i, and P830, v5.02		✓																				
Supplemental Update / Online ROM Flash Component for Linux (x64) - Smart Array and Smart HBA H240ar, H240nr, H240, H241, H244br, P240nr, P244br, P246br, P440ar, P440, P441, P542D, P741m, P840, P840ar, and P841, v7.00		✓		✓				✓		✓			✓		✓	✓	✓	✓	✓	✓		✓
Supplemental Update / Online ROM Flash Component for Linux (x64) - Smart Array P230i, P430, P431, P731m, P830i, and P830, v5.02		✓																				
Supplemental Update / Online ROM Flash Component for Linux (x64) - HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers, v4.22	✓		✓			✓	✓	✓														
Supplemental Update / Online ROM Flash Component for Linux (x64) - HPE Express Bay Enablement Switch Card, v1.78 (B)		✓		✓				✓		✓												
HPE D6020 12Gb SAS Disk Enclosure ROM Flash Component for Linux (x64), v2.74 (D)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE D6020 12Gb SAS Disk Enclosure ROM Flash Component for VMware (ESXi), v2.74 (D)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE D6020 12Gb SAS Disk Enclosure ROM Flash Component for Windows (x64), v2.74 (D)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE D8000 12Gb SAS Disk Enclosure ROM Flash Component for Linux (x64), v0105	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE D8000 12Gb SAS Disk Enclosure ROM Flash Component for VMware (ESXi), v0105	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE D8000 12Gb SAS Disk Enclosure ROM Flash Component for Windows (x64), v0105	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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 P416i-m SR Gen10, v2.62	✓		✓		✓	✓	✓	✓	✓		✓	✓	✓		✓							
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 P416i-m SR Gen10, v2.62	✓		✓		✓	✓	✓	✓	✓		✓	✓	✓		✓							
Supplemental Update / Online ROM Flash Component for Linux (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 P416i-m SR Gen10, v2.62	✓		✓		✓	✓	✓	✓	✓		✓	✓	✓		✓							
<b>Firmware - Storage Fibre Channel</b>																						
HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64), v2019.12.01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.5, v2019.12.01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.7, v2019.12.01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Windows 2012 R2/2016/2019 x64, v2019.12.01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64), v2019.12.01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.5, v2019.12.01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.7, v2019.12.01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Firmware Online Flash for QLogic Fibre Channel Host Bus Adapters - Windows 2012R2/2016/2019 (x86_64), v2019.12.01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Software - Lights-Out Management</b>																						
HP Lights-Out Online Configuration Utility for Linux (AMD64/EM64T), v5.5.0-0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant DL Servers

	HPE ProLiant DL580 Gen10 Server	HPE ProLiant DL580 Gen9 Server	HPE ProLiant DL560 Gen10 Server	HPE ProLiant DL560 Gen9 Server	HPE ProLiant DL385 Gen10 Plus Server	HPE ProLiant DL385 Gen10 Server	HPE ProLiant DL380 Gen10 Server	HPE ProLiant DL380 Gen9 Server	HPE ProLiant DL360 Gen10 Server	HPE ProLiant DL360 Gen9 Server	HPE ProLiant DL325 Gen10 Plus Server	HPE ProLiant DL325 Gen10 Server	HPE ProLiant DL180 Gen10 Server	HPE ProLiant DL180 Gen9 Server	HPE ProLiant DL160 Gen10 Server	HPE ProLiant DL160 Gen9 Server	HPE ProLiant DL120 Gen9 Server	HPE ProLiant DL80 Gen9 Server	HPE ProLiant DL60 Gen9 Server	HPE ProLiant DL20 Gen10 Server	HPE ProLiant DL20 Gen9 Server	
HP Lights-Out Online Configuration Utility for Windows x64 Editions, v5.3.0.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Software - Storage Controller</b>																						
HPE MegaRAID Storage Administrator StorCLI for VMware6.5, v2019.09.00	✓	✓				✓	✓		✓													
HPE MegaRAID Storage Administrator StorCLI for VMware6.7, v2019.09.00	✓		✓			✓	✓		✓													
HPE ProLiant Smart Array SAS/SATA Event Notification Service for 64-bit Windows Server Editions, v6.46.0.64 (E)								✓		✓			✓		✓	✓	✓	✓	✓			
HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions, v1.2.1.64	✓		✓			✓	✓		✓				✓		✓							
<b>Software - Storage Fibre Channel HBA</b>																						
HPE Emulex(BRCM) Fibre Channel Over Ethernet Enablement Kit for Red Hat Enterprise Linux 7 Server, v12.0.1210.0	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Emulex(BRCM) Fibre Channel Over Ethernet Enablement Kit for SUSE Linux Enterprise Server 12, v12.0.1210.0	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Emulex(BRCM) Fibre Channel Over Ethernet Enablement Kit for SUSE Linux Enterprise Server 15, v12.0.1210.0	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL), v4.1-1 (b)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						✓	✓	✓	✓	✓	✓
Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -SuSE Linux Enterprise Server(SLES), v4.1-1 (b)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						✓	✓	✓	✓	✓	✓
HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 7 Server, v12.4.256.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 8 Server, v12.4.256.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Emulex Fibre Channel Enablement Kit for SUSE Linux Enterprise Server 12, v12.4.256.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Emulex Fibre Channel Enablement Kit for SUSE Linux Enterprise Server 15, v12.4.256.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Emulex Smart SAN Enablement Kit for Linux, v1.0.0.0-4 (e)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE Emulex Smart SAN Enablement Kit for Windows 64 bit operating systems, v1.0.0.1 (i)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE QLogic Fibre Channel Enablement Kit for Linux, v6.0.0.0-11 (b)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic Smart SAN enablement kit for Linux, v3.3-3 (h)		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
HPE QLogic Smart SAN Enablement Kit for Windows 64 bit operating systems, v1.0.0.1 (i)		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
<b>Software - System Management</b>																						
HPE Insight Management Agents for Windows Server x64 Editions, v11.0.0.0		✓		✓				✓		✓				✓		✓	✓	✓	✓	✓	✓	✓
HPE Insight Management WBEM Providers for Windows Server x64 Editions, v10.75.0.0		✓		✓				✓		✓				✓		✓	✓	✓	✓	✓	✓	✓
HPE MegaRAID Storage Administrator (HPE MRSA) for Linux 64-bit, v3.113.0.0	✓		✓			✓	✓		✓				✓									
HPE MegaRAID Storage Administrator (HPE MRSA) for Windows 64-bit, v3.113.0.0	✓		✓			✓	✓		✓				✓									
HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit, v1.25.12	✓		✓			✓	✓		✓				✓									
HPE MegaRAID Storage Administrator StorCLI for VMware, v1.25.12	✓		✓			✓	✓		✓				✓									
HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit, v1.25.12.0	✓		✓			✓	✓		✓				✓									
HPE ProLiant Agentless Management Service for Red Hat Enterprise Linux 7 Server, v2.9.1		✓		✓				✓		✓				✓		✓	✓	✓	✓	✓	✓	✓
HPE ProLiant Agentless Management Service for Red Hat Enterprise Linux 8 Server, v2.9.1								✓		✓												
HPE ProLiant Agentless Management Service for SUSE LINUX Enterprise Server 12, v2.9.1		✓		✓				✓		✓				✓		✓	✓	✓	✓	✓	✓	✓
HPE ProLiant Agentless Management Service for SUSE LINUX Enterprise Server 15, v2.9.1								✓		✓												
HPE System Health Application and Command Line Utilities for Red Hat Enterprise Linux 7 Server, v10.9.0		✓		✓				✓		✓				✓		✓	✓	✓	✓	✓	✓	✓
HPE System Health Application and Command Line Utilities for Red Hat Enterprise Linux 8 Server, v10.9.1								✓		✓												
HPE System Health Application and Command Line Utilities for SUSE LINUX Enterprise Server 12, v10.9.0		✓		✓				✓		✓				✓		✓	✓	✓	✓	✓	✓	✓
HPE System Health Application and Command Line Utilities for SUSE LINUX Enterprise Server 15, v10.9.0								✓		✓												
HPE System Management Homepage for Linux (AMD64/EM64T), v7.6.5-3		✓		✓				✓		✓				✓		✓	✓	✓	✓	✓	✓	✓
HPE System Management Homepage for Windows x64, v7.6.3.3		✓		✓				✓		✓				✓		✓	✓	✓	✓	✓	✓	✓
HPE System Management Homepage Templates for Linux, v10.8.1		✓		✓				✓		✓				✓		✓	✓	✓	✓	✓	✓	✓
NVMe Drive Eject NMI Fix for Intel Xeon Processor Scalable Family for Windows, v1.1.0.0 (C)	✓		✓					✓		✓				✓		✓						



## Service Pack for ProLiant, v2019.12.0 - HP ProLiant DL Servers

	HPE ProLiant DL580 Gen10 Server	HPE ProLiant DL580 Gen9 Server	HPE ProLiant DL560 Gen10 Server	HPE ProLiant DL560 Gen9 Server	HPE ProLiant DL385 Gen10 Plus Server	HPE ProLiant DL385 Gen10 Server	HPE ProLiant DL380 Gen10 Server	HPE ProLiant DL380 Gen9 Server	HPE ProLiant DL360 Gen10 Server	HPE ProLiant DL360 Gen9 Server	HPE ProLiant DL325 Gen10 Plus Server	HPE ProLiant DL325 Gen10 Server	HPE ProLiant DL180 Gen10 Server	HPE ProLiant DL180 Gen9 Server	HPE ProLiant DL160 Gen10 Server	HPE ProLiant DL160 Gen9 Server	HPE ProLiant DL120 Gen9 Server	HPE ProLiant DL80 Gen9 Server	HPE ProLiant DL60 Gen9 Server	HPE ProLiant DL20 Gen10 Server	HPE ProLiant DL20 Gen9 Server	
Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 7 Server, v2.1.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 8 Server, v2.1.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Agentless Management Service (iLO 5) for SUSE Linux Enterprise Server 12, v2.1.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Agentless Management Service (iLO 5) for SUSE Linux Enterprise Server 15, v2.1.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Agentless Management Service for Windows X64, v2.10.0.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Offline Bundle for ESXi 6.5, v3.5.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Offline Bundle for ESXi 6.7, v3.5.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE ProLiant Agentless Management Service for HPE Apollo, ProLiant and Synergy Gen9 servers, v10.97.0.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Smart Storage Administrator (HPE SSA) CLI for Linux 64-bit, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Smart Storage Administrator (HPE SSA) CLI for VMware 6.5, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Smart Storage Administrator (HPE SSA) CLI for VMware 6.7, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Smart Storage Administrator (HPE SSA) CLI for Windows 64-bit, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Smart Storage Administrator (HPE SSA) for Linux 64-bit, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Smart Storage Administrator (HPE SSA) for Windows 64-bit, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Smart Storage Administrator Diagnostic Utility (HPE SSADU) CLI for Linux 64-bit, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Smart Storage Administrator Diagnostic Utility (HPE SSADU) CLI for Windows 64-bit, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE SNMP Agents for Red Hat Enterprise Linux 7 Server, v10.9.0		✓		✓				✓					✓		✓	✓	✓	✓	✓			
HPE SNMP Agents for Red Hat Enterprise Linux 8 Server, v10.9.0		✓		✓				✓					✓		✓	✓	✓	✓	✓			
HPE SNMP Agents for SUSE LINUX Enterprise Server 12, v10.9.0		✓		✓				✓					✓		✓	✓	✓	✓	✓			
HPE SNMP Agents for SUSE LINUX Enterprise Server 15, v10.9.0		✓		✓				✓					✓		✓	✓	✓	✓	✓			
HPE Utilities Offline Bundle for ESXi 6.5, v3.5.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Utilities Offline Bundle for ESXi 6.7, v3.5.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Integrated Smart Update Tools for VMware ESXi 6.5, v2.5.0.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Integrated Smart Update Tools for VMware ESXi 6.7, v2.5.0.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Firmware - Power Management</b>																						
Online ROM Flash for VMware ESXi - Power Management Controller, v4.1 (E)		✓																				
Online ROM Flash for Linux - Power Management Controller, v4.1 (E)		✓																				
Online ROM Flash for Linux - Advanced Power Capping Microcontroller Firmware for HPE Gen10 Servers, v1.0.7	✓		✓			✓	✓					✓	✓		✓						✓	
Online ROM Flash for Linux - Advanced Power Capping Microcontroller Firmware for HPE Gen9 Servers, v1.0.9 (J)				✓				✓		✓				✓	✓	✓	✓	✓	✓		✓	
Online ROM Flash for VMware ESXi - Advanced Power Capping Microcontroller Firmware for HPE Gen9 Servers, v1.0.9 (I)				✓				✓		✓				✓	✓	✓	✓	✓	✓		✓	
Online ROM Flash for Windows x64 - Advanced Power Capping Microcontroller Firmware for HPE Gen10 Servers, v1.0.7	✓		✓			✓	✓					✓	✓		✓						✓	
Online ROM Flash for Windows x64 - Advanced Power Capping Microcontroller Firmware for HPE Gen9 Servers, v1.0.9(I)				✓				✓		✓				✓	✓	✓	✓	✓	✓		✓	
Online ROM Flash for Windows x64 - Power Management Controller for HPE ProLiant DL580 Gen9/Gen8 Servers, v4.1 (F)		✓				✓	✓						✓	✓	✓	✓	✓	✓	✓		✓	
ROM Flash Firmware Package - Advanced Power Capping Microcontroller Firmware for HPE Gen10 Servers, v1.0.7	✓		✓			✓	✓					✓	✓		✓						✓	
<b>Software - Network</b>																						
Broadcom Active Health System Agent for HPE ProLiant Network Adapters for Linux x86_64, v1.0.21-1		✓		✓				✓		✓				✓	✓	✓	✓	✓	✓	✓	✓	✓
Intel Active Health System Agent for HPE ProLiant Network Adapters for Linux x86_64, v1.1.83.0-1 (B)		✓		✓				✓		✓				✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Software - Management</b>																						
HPE Management Bundle Smart Component for ESXi 6.5, v2019.12.01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Management Bundle Smart Component for ESXi 6.7, v2019.12.01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Software - Storage Fibre Channel</b>																						

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant DL Servers

	HPE ProLiant DL580 Gen10 Server	HPE ProLiant DL580 Gen9 Server	HPE ProLiant DL560 Gen10 Server	HPE ProLiant DL560 Gen9 Server	HPE ProLiant DL385 Gen10 Plus Server	HPE ProLiant DL385 Gen10 Server	HPE ProLiant DL380 Gen10 Server	HPE ProLiant DL380 Gen9 Server	HPE ProLiant DL360 Gen10 Server	HPE ProLiant DL360 Gen9 Server	HPE ProLiant DL325 Gen10 Plus Server	HPE ProLiant DL325 Gen10 Server	HPE ProLiant DL180 Gen10 Server	HPE ProLiant DL180 Gen9 Server	HPE ProLiant DL160 Gen10 Server	HPE ProLiant DL160 Gen9 Server	HPE ProLiant DL120 Gen9 Server	HPE ProLiant DL80 Gen9 Server	HPE ProLiant DL60 Gen9 Server	HPE ProLiant DL20 Gen10 Server	HPE ProLiant DL20 Gen9 Server	
Emulex Fibre Channel driver component for VMware vSphere 6.5, v2019.12.01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Emulex Fibre Channel driver component for VMware vSphere 6.7, v2019.12.01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Emulex(BRCM) Fibre Channel over Ethernet driver for VMware vSphere 6.5, v2019.03.01	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓		✓
Emulex(BRCM) Fibre Channel over Ethernet driver for VMware vSphere 6.7, v2019.03.01	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓		✓
QLogic Fibre Channel driver component for VMware vSphere 6.5, v2019.12.01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
QLogic Fibre Channel driver component for VMware vSphere 6.7, v2019.12.01	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Driver - Storage Fibre Channel and Fibre Channel Over Ethernet</b>																						
HPE Storage Fibre Channel Over Ethernet Adapter Kit for the x64 Emulex Storport Driver for Windows 2012, Windows 2012R2 and Windows 2016, v12.0.1192.0	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	
HPE Storage Fibre Channel Over Ethernet Adapter Kit for the x64 Emulex Storport Driver for Windows 2019, v12.0.1192.0 (b)	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	
Red Hat Enterprise Linux 7 Server FCoE Driver Kit for HPE Emulex(BRCM) Converged Network Adapters(CNAs) and mezzanine Converged Network Adapters(CNAs), v12.0.1216.0	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	
SUSE Linux Enterprise Server 12 FCoE Driver Kit for HPE Emulex(BRCM) Converged Network Adapters(CNAs) and mezzanine Converged Network Adapters(CNAs), v12.0.1216.0	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	
SUSE Linux Enterprise Server 15 FCoE Driver Kit for HPE Emulex(BRCM) Converged Network Adapters(CNAs) and mezzanine Converged Network Adapters(CNAs), v12.0.1216.0	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	
HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2012R2 and Windows 2016, v12.4.243.4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2019, v12.4.243.4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2012 R2, v9.3.3.20 (b)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2016, v9.3.3.20 (b)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2019, v9.3.3.20 (b)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.07.6-k1 (b)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Red Hat Enterprise Linux 7 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Red Hat Enterprise Linux 7 Update 6 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Red Hat Enterprise Linux 7 Update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.07.6-k1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Red Hat Enterprise Linux 8 Server FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.08.0-k1 (b)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Red Hat Enterprise Linux 8 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
SUSE Linux Enterprise Server 12 FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.12.4-k1 (b)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
SUSE Linux Enterprise Server 12 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
SUSE Linux Enterprise Server 12 Service Pack 3 FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v8.08.00.08.12.3-k12	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
SUSE Linux Enterprise Server 12 Service Pack 3 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
SUSE Linux Enterprise Server 15 FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.15.1-k1 (b)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
SUSE Linux Enterprise Server 15 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
SUSE Linux Enterprise Server 15 Service Pack 0 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
SUSE Linux Enterprise Server 15 Service Pack 0 Fibre Channel Driver Kit Host Bus Adapters for HPE QLogic and mezzanine Host Bus Adapters, v10.01.00.52.15.0-k1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
<b>Firmware - System</b>																						
Firmware Package - Gen10 NVMe Backplane PIC Firmware, v1.20	✓		✓			✓	✓		✓													
Online Flash Component for Linux - Gen10 NVMe Backplane PIC Firmware, v1.20 (E)	✓		✓			✓	✓		✓													
Online Flash Component for Windows x64 - Gen10 NVMe Backplane PIC Firmware, v1.20 (D)	✓		✓			✓	✓		✓			✓	✓		✓							
Online ROM Flash for Linux - HPE Gen10 Innovation Engine Firmware for HPE Gen10 Servers, v0.2.1.2 (B)	✓		✓			✓	✓		✓				✓	✓								
Online ROM Flash for Windows x64 - HPE Gen10 Innovation Engine Firmware for HPE Gen10 Servers, v0.2.1.2	✓		✓			✓	✓		✓				✓	✓								
ROM Flash Firmware Package - HPE Gen10 Innovation Engine Firmware for HPE Gen10 Servers, v0.2.1.2	✓		✓			✓	✓		✓				✓	✓								



## Service Pack for ProLiant, v2019.12.0 - HP ProLiant DL Servers

	HPE ProLiant DL580 Gen10 Server	HPE ProLiant DL580 Gen9 Server	HPE ProLiant DL560 Gen10 Server	HPE ProLiant DL560 Gen9 Server	HPE ProLiant DL385 Gen10 Plus Server	HPE ProLiant DL385 Gen10 Server	HPE ProLiant DL380 Gen10 Server	HPE ProLiant DL380 Gen9 Server	HPE ProLiant DL360 Gen10 Server	HPE ProLiant DL360 Gen9 Server	HPE ProLiant DL325 Gen10 Plus Server	HPE ProLiant DL325 Gen10 Server	HPE ProLiant DL180 Gen10 Server	HPE ProLiant DL180 Gen9 Server	HPE ProLiant DL160 Gen10 Server	HPE ProLiant DL160 Gen9 Server	HPE ProLiant DL120 Gen9 Server	HPE ProLiant DL80 Gen9 Server	HPE ProLiant DL60 Gen9 Server	HPE ProLiant DL20 Gen10 Server	HPE ProLiant DL20 Gen9 Server	
Online ROM Flash Component for Windows x64 - Server Platform Services (SPS) Firmware for HPE Gen10 Servers, v04.01.04.339	✓	✓				✓	✓					✓	✓									
Online ROM Flash Component for Windows x64 - Server Platform Services (SPS) Firmware for HPE ProLiant DL20/ML30 Gen10, v05.01.03.078																					✓	
Online ROM Flash for Linux - Server Platform Services (SPS) Firmware for HPE Gen10 Servers, v04.01.04.339	✓	✓				✓	✓					✓	✓									
Online ROM Flash for Linux - Server Platform Services (SPS) Firmware for HPE ProLiant DL20/ML30 Gen10, v05.01.03.078																					✓	
ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for HPE Gen10 Servers, v04.01.04.339	✓	✓				✓	✓					✓	✓									
ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for HPE Gen10 Servers, v05.01.03.078																					✓	
Server Platform Services (SPS) Firmware for Intel C242 and C246 PCH based systems, v05.01.03.078																					✓	
<b>Firmware - NVDIMM</b>																						
Firmware Package - 16GB NVDIMM-N DDR4-2666, v1.04 (A)	✓	✓				✓	✓															
Firmware package for HPE Persistent Memory featuring Intel Optane DC Persistent Memory on HPE Gen10 Servers, v01.02.00.5375	✓	✓				✓	✓															
Online Flash Component for Linux - 16GB NVDIMM-N DDR4-2666, v1.04 (A)	✓	✓				✓	✓															
Online Flash Component for Linux - HPE Persistent Memory featuring Intel Optane DC Persistent Memory on HPE Gen10 Servers, v1.2.0.5375	✓	✓				✓	✓															
Online Flash Component for Windows x64 - 16GB NVDIMM-N DDR4-2666, v1.04 (A)	✓	✓				✓	✓															
Online Flash Component for Windows x64 - HPE Persistent Memory featuring Intel Optane DC Persistent Memory on HPE Gen10 Servers, v1.2.0.5375	✓	✓				✓	✓															
<b>Driver - System</b>																						
HPE Non-Volatile Memory Drivers for Microsoft Windows Server 2012 R2 and 2016, v3.0.1.2	✓	✓				✓	✓	✓	✓													
<b>Firmware (Entitlement Required) - Storage Controller</b>																						
HP D2600/D2700 6Gb SAS Disk Enclosure ROM Flash Component for Linux (x64), v0150 (B)								✓	✓				✓	✓								
HP D2600/D2700 6Gb SAS Disk Enclosure ROM Flash Component for Windows (x64), v0150 (B)								✓	✓				✓	✓								
HPE D3600/D3700/D3610/D3710 12Gb SAS Disk Enclosure ROM Flash Component for Linux (x64), v4.12	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE D3600/D3700/D3610/D3710 12Gb SAS Disk Enclosure ROM Flash Component for VMware (ESXi), v4.12	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE D3600/D3700/D3610/D3710 12Gb SAS Disk Enclosure ROM Flash Component for Windows (x64), v4.12	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant ML Servers

	HPE ProLiant ML350 Gen10 Server	HPE ProLiant ML350 Gen9 Server	HPE ProLiant ML150 Gen9 Server	HPE ProLiant ML110 Gen10 Server	HPE ProLiant ML110 Gen9 Server	HPE ProLiant ML30 Gen9 Server	HPE ProLiant ML30 Gen10 Server
<b>BIOS - System ROM</b>							
Online ROM Flash Component for Linux - HPE ProLiant ML110 Gen10 (U33) Servers, v2.22_11-13-2019				✓			
Online ROM Flash Component for Linux - HPE ProLiant ML110 Gen9 (P99) Servers, v2.76_10-21-2019					✓		
Online ROM Flash Component for Linux - HPE ProLiant ML150 Gen9 (P95) Servers, v2.76_10-21-2019			✓				
Online ROM Flash Component for Linux - HPE ProLiant ML30 Gen10 (U44) Servers, v2.10_09-12-2019							✓
Online ROM Flash Component for Linux - HPE ProLiant ML30 Gen9 (U23) Servers, v2.84_11-07-2019						✓	
Online ROM Flash Component for Linux - HPE ProLiant ML350 Gen10 (U41) Servers, v2.22_11-13-2019	✓						
Online ROM Flash Component for Linux - HPE ProLiant ML350 Gen9 (P92) Servers, v2.76_10-21-2019		✓					
Online ROM Flash Component for VMware - HPE ProLiant ML110 Gen9 (P99) Servers, v2.76_10-21-2019					✓		
Online ROM Flash Component for VMware - HPE ProLiant ML150 Gen9 (P95) Servers, v2.76_10-21-2019			✓				
Online ROM Flash Component for VMware - HPE ProLiant ML30 Gen9 (U23) Servers, v2.84_11-07-2019						✓	
Online ROM Flash Component for VMware - HPE ProLiant ML350 Gen9 (P92) Servers, v2.76_10-21-2019		✓					
Online ROM Flash Component for Windows x64 - HPE ProLiant ML110 Gen10 (U33) Servers, v2.22_11-13-2019				✓			
Online ROM Flash Component for Windows x64 - HPE ProLiant ML110 Gen9 (P99) Servers, v2.76_10-21-2019					✓		
Online ROM Flash Component for Windows x64 - HPE ProLiant ML150 Gen9 (P95) Servers, v2.76_10-21-2019			✓				
Online ROM Flash Component for Windows x64 - HPE ProLiant ML30 Gen10 (U44) Servers, v2.10_09-12-2019							✓
Online ROM Flash Component for Windows x64 - HPE ProLiant ML30 Gen9 (U23) Servers, v2.84_11-07-2019						✓	
Online ROM Flash Component for Windows x64 - HPE ProLiant ML350 Gen10 (U41) Servers, v2.22_11-13-2019	✓						
Online ROM Flash Component for Windows x64 - HPE ProLiant ML350 Gen9 (P92) Servers, v2.76_10-21-2019		✓					
ROM Flash Firmware Package - HPE ProLiant ML110 Gen10 (U33) Servers, v2.22_11-13-2019				✓			
ROM Flash Firmware Package - HPE ProLiant ML30 Gen10 (U44) Servers, v2.10_09-12-2019							✓
ROM Flash Firmware Package - HPE ProLiant ML350 Gen10 (U41) Servers, v2.22_11-13-2019	✓						
<b>Driver - Chipset</b>							
Identifiers for Intel Xeon E-2xxx Processor for Windows, v10.1.18015.8142							✓
Identifiers for Intel Xeon Scalable Processors (First and Second Generation) for Windows, v10.1.18015.8142	✓			✓			
<b>Driver - Network</b>							
HPE Broadcom NetXtreme-E Driver for Windows Server 2012 R2, v214.0.177.0 (B)	✓			✓			
HPE Broadcom NetXtreme-E Driver for Windows Server 2016, v214.0.177.0 (B)	✓			✓			✓
HPE Broadcom NetXtreme-E Driver for Windows Server 2019, v214.0.177.0 (B)	✓			✓			✓

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant ML Servers

	HPE ProLiant ML350 Gen10 Server	HPE ProLiant ML350 Gen9 Server	HPE ProLiant ML150 Gen9 Server	HPE ProLiant ML110 Gen10 Server	HPE ProLiant ML110 Gen9 Server	HPE ProLiant ML30 Gen9 Server	HPE ProLiant ML30 Gen10 Server
HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7, v1.9.2-214.0.182.0 (C)	✓			✓			✓
HPE Broadcom NetXtreme-E Drivers for SUSE Linux Enterprise Server 12 x86_64, v1.9.2-214.0.182.0 (B)	✓			✓			
HPE Broadcom NetXtreme-E Drivers for SUSE Linux Enterprise Server 15, v1.9.2-214.0.182.0 (B)	✓			✓			
HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.5, v2019.12.20	✓			✓			✓
HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7, v2019.12.20	✓			✓			✓
HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 6, v214.0.181.0 (C)	✓			✓			✓
HPE Broadcom NetXtreme-E RoCE Library for SUSE Linux Enterprise Server 12 SP3, v214.0.181.0 (B)	✓			✓			
HPE Broadcom NetXtreme-E RoCE Library for SUSE Linux Enterprise Server 12 SP4, v214.0.181.0 (B)	✓			✓			
HPE Broadcom NetXtreme-E RoCE Library for SUSE Linux Enterprise Server 15, v214.0.181.0 (B)	✓			✓			
HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions, v214.0.0.0 (C)	✓	✓	✓	✓	✓	✓	✓
HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64, v3.137y-1 (B)	✓	✓	✓	✓	✓	✓	✓
HPE Broadcom tg3 Ethernet Drivers for SUSE Linux Enterprise Server 12 x86_64, v3.137y-2 (B)	✓	✓	✓	✓	✓	✓	
HPE Broadcom tg3 Ethernet Drivers for SUSE Linux Enterprise Server 15, v3.137y-2 (B)	✓	✓	✓	✓	✓	✓	
HPE Emulex 10/20 GbE Driver for VMware vSphere 6.5, v2019.12.20	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20 GbE Driver for VMware vSphere 6.7, v2019.12.20	✓			✓			✓
HPE Emulex 10/20 GbE Driver for Windows Server 2012 R2, v12.0.1195.0 (B)	✓	✓	✓	✓	✓	✓	
HPE Emulex 10/20 GbE Driver for Windows Server 2016, v12.0.1195.0 (B)	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20 GbE Driver for Windows Server 2019, v12.0.1195.0 (B)	✓			✓			
HPE Emulex 10/20 GbE iSCSI Driver for Windows Server 2012 R2, v12.0.1171.0 (B)	✓	✓	✓	✓	✓	✓	
HPE Emulex 10/20 GbE iSCSI Driver for Windows Server 2016, v12.0.1171.0 (B)	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20 GbE iSCSI Driver for Windows Server 2019, v12.0.1171.0 (B)	✓			✓			
HPE Emulex 10/20GbE Drivers for Red Hat Enterprise Linux 7 x86_64, v12.0.1216.1-1 (B)	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20GbE Drivers for SUSE Linux Enterprise Server 12 x86_64, v12.0.1216.1-1 (B)	✓	✓	✓	✓	✓	✓	
HPE Emulex 10/20GbE Drivers for SUSE Linux Enterprise Server 15, v12.0.1216.1-1 (B)	✓	✓	✓	✓	✓	✓	
HPE Emulex 10/20GbE iSCSI Driver for VMware vSphere 6.5, v2019.12.20	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20GbE iSCSI Driver for VMware vSphere 6.7, v2019.12.20	✓			✓			✓
HPE Emulex 10/20GbE iSCSI Drivers for Red Hat Enterprise Linux 7 x86_64, v12.0.1216.1-1 (B)	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20GbE iSCSI Drivers for SUSE Linux Enterprise Server 12 x86_64, v12.0.1216.1-1 (B)	✓	✓	✓	✓	✓	✓	
HPE Emulex 10/20GbE iSCSI Drivers for SUSE Linux Enterprise Server 15, v12.0.1216.1-1 (B)	✓	✓	✓	✓	✓	✓	

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant ML Servers

	HPE ProLiant ML350 Gen10 Server	HPE ProLiant ML350 Gen9 Server	HPE ProLiant ML150 Gen9 Server	HPE ProLiant ML110 Gen10 Server	HPE ProLiant ML110 Gen9 Server	HPE ProLiant ML30 Gen9 Server	HPE ProLiant ML30 Gen10 Server
HPE Intel E1R Driver for Windows Server 2012 R2, v12.14.8.1	✓	✓	✓	✓	✓	✓	
HPE Intel E1R Driver for Windows Server 2016, v12.15.184.7	✓	✓	✓	✓	✓	✓	
HPE Intel E1R Driver for Windows Server 2019, v12.18.9.1	✓			✓			✓
HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64, v2.10.19.30-2	✓	✓	✓	✓	✓	✓	✓
HPE Intel i40e Drivers for Red Hat Enterprise Linux 8, v2.10.19.30-2	✓	✓	✓	✓	✓	✓	✓
HPE Intel i40e Drivers for SUSE Linux Enterprise Server 12 x86_64, v2.10.19.30-2	✓	✓	✓	✓	✓	✓	
HPE Intel i40e Drivers for SUSE Linux Enterprise Server 15, v2.10.19.30-2	✓	✓	✓	✓	✓	✓	
HPE Intel i40ea Driver for Windows Server 2012 R2, v1.11.101.0	✓	✓	✓	✓	✓	✓	
HPE Intel i40ea Driver for Windows Server 2016, v1.11.101.0	✓	✓	✓	✓	✓	✓	✓
HPE Intel i40ea Driver for Windows Server 2019, v1.11.101.0	✓			✓			✓
HPE Intel i40eb Driver for Windows Server 2012 R2, v1.11.101.0	✓			✓			
HPE Intel i40eb Driver for Windows Server 2016, v1.11.101.0	✓			✓			✓
HPE Intel i40eb Driver for Windows Server 2019, v1.11.101.0	✓			✓			✓
HPE Intel i40en Driver for VMware vSphere 6.5, v2019.12.20	✓	✓	✓	✓	✓	✓	✓
HPE Intel i40en Driver for VMware vSphere 6.7, v2019.12.20	✓			✓			✓
HPE Intel iavf Driver for Windows Server 2012 R2, v1.7.119.0	✓	✓	✓	✓	✓	✓	
HPE Intel iavf Driver for Windows Server 2016, v1.7.119.0	✓	✓	✓	✓	✓	✓	✓
HPE Intel iavf Driver for Windows Server 2019, v1.7.119.0	✓			✓			✓
HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64, v3.7.61.20-1	✓	✓	✓	✓	✓	✓	✓
HPE Intel iavf Drivers for Red Hat Enterprise Linux 8, v3.7.61.20-1	✓	✓	✓	✓	✓	✓	✓
HPE Intel iavf Drivers for SUSE Linux Enterprise Server 12 x86_64, v3.7.61.20-1	✓	✓	✓	✓	✓	✓	
HPE Intel iavf Drivers for SUSE Linux Enterprise Server 15, v3.7.61.20-1	✓	✓	✓	✓	✓	✓	
HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64, v6.2.1-1	✓	✓	✓	✓	✓	✓	✓
HPE Intel igb Drivers for Red Hat Enterprise Linux 8, v6.2.1-1	✓	✓	✓	✓	✓	✓	✓
HPE Intel igb Drivers for SUSE Linux Enterprise Server 12 x86_64, v6.2.1-1	✓	✓	✓	✓	✓	✓	
HPE Intel igb Drivers for SUSE Linux Enterprise Server 15, v6.2.1-1	✓	✓	✓	✓	✓	✓	
HPE Intel igbn Driver for VMware vSphere 6.5, v2019.12.20	✓	✓	✓	✓	✓	✓	✓
HPE Intel igbn Driver for VMware vSphere 6.7, v2019.12.20	✓			✓			✓
HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 7 x86_64, v5.6.4-2	✓	✓	✓	✓	✓	✓	✓

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant ML Servers

	HPE ProLiant ML350 Gen10 Server	HPE ProLiant ML350 Gen9 Server	HPE ProLiant ML150 Gen9 Server	HPE ProLiant ML110 Gen10 Server	HPE ProLiant ML110 Gen9 Server	HPE ProLiant ML30 Gen9 Server	HPE ProLiant ML30 Gen10 Server
HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 8, v5.6.4-2	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgbe Drivers for SUSE Linux Enterprise Server 12 x86_64, v5.6.4-2	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgbe Drivers for SUSE Linux Enterprise Server 15, v5.6.4-2	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgben Driver for VMware vSphere 6.5, v2019.12.20	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgben Driver for VMware vSphere 6.7, v2019.12.20	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 7 x86_64, v4.6.2-2	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 8, v4.6.2-2	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgbev Drivers for SUSE Linux Enterprise Server 12 x86_64, v4.6.2-2	✓	✓	✓	✓	✓	✓	
HPE Intel ixgbev Drivers for SUSE Linux Enterprise Server 15, v4.6.2-2	✓	✓	✓	✓	✓	✓	
HPE Intel ixn Driver for Windows Server 2012 R2, v3.14.132.0 (B)	✓	✓	✓	✓	✓	✓	
HPE Intel ixn Driver for Windows Server 2016, v4.1.131.0 (B)	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixn Driver for Windows Server 2019, v4.1.143.0 (C)	✓			✓			✓
HPE Intel ixn Driver for Windows Server 2012 R2, v3.14.132.0 (B)	✓			✓			
HPE Intel ixn Driver for Windows Server 2016, v4.1.131.0 (B)	✓			✓			✓
HPE Intel ixn Driver for Windows Server 2019, v4.1.143.0 (B)	✓			✓			✓
HPE Intel vxn Driver for Windows Server 2012 R2, v1.0.16.1 (B)	✓	✓	✓	✓	✓	✓	
HPE Intel vxn Driver for Windows Server 2016, v2.0.210.0 (D)	✓	✓	✓	✓	✓	✓	✓
HPE Intel vxn Driver for Windows Server 2019, v2.1.138.0 (B)	✓			✓			
HPE Intel vxs Driver for Windows Server 2012 R2, v1.2.131.0 (B)	✓			✓			
HPE Intel vxs Driver for Windows Server 2016, v2.1.133.0 (B)	✓			✓			✓
HPE Intel vxs Driver for Windows Server 2019, v2.1.138.0 (B)	✓			✓			✓
HPE Mellanox CX3 Driver for Windows Server 2012 R2, v5.35.12978.0 (B)		✓	✓		✓	✓	
HPE Mellanox CX3 Driver for Windows Server 2016, v5.35.12978.0 (D)		✓	✓		✓	✓	
HPE Mellanox CX4LX and CX5 Driver for Windows Server 2012 R2, v2.30.21713.0	✓	✓	✓	✓	✓	✓	
HPE Mellanox CX4LX and CX5 Driver for Windows Server 2016, v2.30.21713.0	✓	✓	✓	✓	✓	✓	✓
HPE Mellanox CX4LX and CX5 Driver for Windows Server 2019, v2.30.21713.0	✓			✓			✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 6 (x86_64), v4.7	✓	✓			✓		
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 7 (x86_64), v4.7	✓	✓			✓		
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 8 (x86_64), v4.7	✓	✓			✓		

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	HPE ProLiant ML350 Gen10 Server	HPE ProLiant ML350 Gen9 Server	HPE ProLiant ML150 Gen9 Server	HPE ProLiant ML110 Gen10 Server	HPE ProLiant ML110 Gen9 Server	HPE ProLiant ML30 Gen9 Server	HPE ProLiant ML30 Gen10 Server
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for SUSE LINUX Enterprise Server 12 SP3 (AMD64/EM64T), v4.7	✓	✓			✓		
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for SUSE LINUX Enterprise Server 12 SP4 (AMD64/EM64T), v4.7	✓	✓			✓		
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for SUSE LINUX Enterprise Server 15 SP0 (AMD64/EM64T), v4.7	✓	✓			✓		
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for SUSE LINUX Enterprise Server 15 SP1 (AMD64/EM64T), v4.7	✓	✓			✓		
HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 7 x86_64, v8.42.8.0-1	✓			✓			✓
HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 8, v8.42.8.0-1	✓			✓			✓
HPE QLogic FastLinQ 10/25/50 GbE Drivers for SUSE Linux Enterprise Server 12 x86_64, v8.42.8.0-1	✓			✓			✓
HPE QLogic FastLinQ 10/25/50 GbE Drivers for SUSE Linux Enterprise Server 15, v8.42.8.0-1	✓			✓			✓
HPE QLogic FastLinQ 10/25/50 GbE Drivers for Windows Server x64 Editions, v8.42.10.0	✓			✓			✓
HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 6.5, v2019.12.20	✓			✓			✓
HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 6.7, v2019.12.20	✓			✓			✓
HPE QLogic FastLinQ Open-iSCSI Driver for Red Hat Enterprise Linux 7 Update 6, v2.0-873.113-1 (D)	✓			✓			✓
HPE QLogic FastLinQ Open-iSCSI Driver for Red Hat Enterprise Linux 7 Update 7, v2.0-873.113-1	✓			✓			✓
HPE QLogic FastLinQ Open-iSCSI Driver for Red Hat Enterprise Linux 8 Update 0, v2.0-873.113-1	✓			✓			✓
HPE QLogic FastLinQ Open-iSCSI Driver for SUSE Linux Enterprise Server 12 SP3, v2.0-873.113-1 (D)	✓			✓			✓
HPE QLogic FastLinQ Open-iSCSI Driver for SUSE Linux Enterprise Server 12 SP4, v2.0-873.113-1 (D)	✓			✓			✓
HPE QLogic FastLinQ Open-iSCSI Driver for SUSE Linux Enterprise Server 15 SP0, v2.0-873.113-1 (D)	✓			✓			✓
HPE QLogic FastLinQ Open-iSCSI Driver for SUSE Linux Enterprise Server 15 SP1, v2.0-873.113-1	✓			✓			✓
HPE QLogic iSCSI Offload IO Daemon for Red Hat Enterprise Linux 7 Update 6, v2.11.5.13-3 (B)	✓			✓			✓
HPE QLogic iSCSI Offload IO Daemon for Red Hat Enterprise Linux 7 Update 7, v2.11.5.13-3	✓			✓			✓
HPE QLogic iSCSI Offload IO Daemon for Red Hat Enterprise Linux 8 Update 0, v2.11.5.13-3	✓			✓			✓
HPE QLogic iSCSI Offload IO Daemon for SUSE Linux Enterprise Server 12 SP3 x86_64, v2.11.5.13-3 (B)	✓			✓			✓
HPE QLogic iSCSI Offload IO Daemon for SUSE Linux Enterprise Server 12 SP4, v2.11.5.13-3 (B)	✓			✓			✓
HPE QLogic iSCSI Offload IO Daemon for SUSE Linux Enterprise Server 15 SP0, v2.11.5.13-3 (B)	✓			✓			✓
HPE QLogic iSCSI Offload IO Daemon for SUSE Linux Enterprise Server 15 SP1, v2.11.5.13-3	✓			✓			✓
HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.5, v2019.12.20	✓	✓	✓	✓	✓	✓	✓
HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.7, v2019.12.20	✓			✓			✓
HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64, v7.14.63-1	✓	✓	✓	✓	✓	✓	✓
HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8, v7.14.63-1	✓	✓	✓	✓	✓	✓	✓

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	HPE ProLiant ML350 Gen10 Server	HPE ProLiant ML350 Gen9 Server	HPE ProLiant ML150 Gen9 Server	HPE ProLiant ML110 Gen10 Server	HPE ProLiant ML110 Gen9 Server	HPE ProLiant ML30 Gen9 Server	HPE ProLiant ML30 Gen10 Server
HPE QLogic NX2 10/20 GbE Multifunction Drivers for SUSE Linux Enterprise Server 12 x86_64, v7.14.63-1	✓	✓	✓	✓	✓	✓	✓
HPE QLogic NX2 10/20 GbE Multifunction Drivers for SUSE Linux Enterprise Server 15, v7.14.63-1	✓	✓	✓	✓	✓	✓	✓
HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions, v7.13.171.0	✓	✓	✓	✓	✓	✓	✓
nmlx4_en Driver Component for VMware 6.5, v2019.06.14		✓			✓		
VMware ESXi 6.5 and 6.7 MST Drivers Offline Bundle for Mellanox Adapters, v4.12.0.105	✓	✓			✓		
Mellanox net-mst Kernel Driver Component for VMware ESXi 6.5 and 6.7, v2019.01.02	✓	✓			✓		
nmlx5_en Driver Component for VMware 6.5, v2019.06.19	✓						
nmlx5_en Driver Component for VMware 6.7, v2019.06.19	✓						
<b>Driver - Storage</b>							
Dynamic Smart Array B140i Controller Driver for 64-bit Microsoft Windows Server 2012/2012 R2/2016/2019 Editions, v62.12.0.64 (B)		✓	✓		✓	✓	
HPE Smart Array S100i SR Gen10 SW RAID Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019, v106.12.4.0	✓			✓			
<b>Driver - Storage Controller</b>							
HPE Dynamic Smart Array B140i Controller Driver for VMware vSphere 6.5 (Driver Component), v2019.05.01		✓	✓		✓	✓	
HPE Dynamic Smart Array B140i Controller Driver for VMware vSphere 6.7 (Driver Component), v2019.05.01		✓	✓		✓	✓	
HPE Dynamic Smart Array B140i SATA RAID Controller Driver for Red Hat Enterprise Linux 7 (64-bit), v1.2.10-167		✓	✓		✓	✓	
HPE Dynamic Smart Array B140i SATA RAID Controller Driver for Red Hat Enterprise Linux 8 (64-bit), v1.2.10-162		✓	✓		✓	✓	
HPE Dynamic Smart Array B140i SATA RAID Controller Driver for SUSE LINUX Enterprise Server 12 (64-bit), v1.2.10-162		✓	✓		✓	✓	
HPE Dynamic Smart Array B140i SATA RAID Controller Driver for SUSE LINUX Enterprise Server 15 (64-bit), v1.2.10-162		✓	✓		✓	✓	
HPE Dynamic Smart Array Controller Driver for VMware vSphere 6.5 (Bundle file), v5.5.0.68-1		✓	✓		✓	✓	
HPE Dynamic Smart Array Controller Driver for VMware vSphere 6.7 (Bundle file), v5.5.0.68-1		✓	✓		✓	✓	
HPE H2xx SAS/SATA Host Bus Adapter (64-bit) Driver for vSphere 6.5 (Driver Component), v2017.01.20 (A)		✓					
HPE H2xx SAS/SATA Host Bus Adapter (64-bit) Driver for vSphere 6.5, v15.10.07.00-1 (A)		✓					
HPE H2xx SAS/SATA Host Bus Adapter Driver for 64-bit Microsoft Windows Server 2016 Editions, v2.68.64.2 (C)		✓					
HPE H2xx SAS/SATA Host Bus Adapter Driver for Microsoft Windows Server 2012 R2 64-bit Editions, v2.68.64.1 (B)		✓					
HPE H2xx SAS/SATA Host Bus Adapter Driver for Red Hat Enterprise Linux 7 (64-bit), v15.10.09.00-2		✓					
HPE H2xx SAS/SATA Host Bus Adapter Driver for SUSE LINUX Enterprise Server 12 (64-bit), v15.10.09.00-1		✓					
HPE ProLiant Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit), v3.4.20-181		✓	✓		✓	✓	
HPE ProLiant Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit), v3.4.20-170		✓	✓		✓	✓	
HPE ProLiant Smart Array Controller (64-bit) Driver for SUSE LINUX Enterprise Server 12 (64-bit), v3.4.20-170		✓	✓		✓	✓	

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	HPE ProLiant ML350 Gen10 Server	HPE ProLiant ML350 Gen9 Server	HPE ProLiant ML150 Gen9 Server	HPE ProLiant ML110 Gen10 Server	HPE ProLiant ML110 Gen9 Server	HPE ProLiant ML30 Gen9 Server	HPE ProLiant ML30 Gen10 Server
HPE ProLiant Smart Array Controller (64-bit) Driver for SUSE LINUX Enterprise Server 15 (64-bit), v3.4.20-170		✓	✓		✓	✓	
HPE ProLiant Smart Array HPCISS3 Controller Driver for 64-bit Microsoft Windows Server 2012/2012 R2/2016/2019 Editions, v106.26.0.64		✓	✓		✓	✓	
HPE Smart Array P824i-p MR 64-bit controller driver for Microsoft Windows 2012 R2 edition., v6.714.18.0	✓						
HPE Smart Array P824i-p MR 64-bit controller driver for Microsoft Windows 2016 edition., v6.714.18.0	✓						
HPE Smart Array P824i-p MR controller (64-bit) Driver for vSphere 6.5 (Driver Component), v2018.06.04	✓						
HPE Smart Array P824i-p MR controller (64-bit) Driver for vSphere 6.5, v7.706.08.00-1	✓						
HPE Smart Array P824i-p MR controller (64-bit) Driver for vSphere 6.7 (Driver Component), v2018.02.12	✓						
HPE Smart Array P824i-p MR controller (64-bit) Driver for vSphere 6.7, v7.706.08.00-1	✓						
HPE Smart Array P824i-p MR controller Driver for 64-bit Red Hat Enterprise Linux 7, v07.706.05.00-14	✓						
HPE Smart Array P824i-p MR controller Driver for 64-bit SUSE LINUX Enterprise Server 12, v07.706.05.00-14	✓						
HPE Smart Array P824i-p MR controller Driver for 64-bit SUSE LINUX Enterprise Server 15, v07.706.05.00-14	✓						
HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit), v1.2.10-025	✓			✓			
HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit), v1.2.10-025	✓			✓			
HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for SUSE LINUX Enterprise Server 12 (64-bit), v1.2.10-025	✓			✓			
HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for SUSE LINUX Enterprise Server 15 (64-bit), v1.2.10-025	✓			✓			
HPE ProLiant Gen10 Smart Array Controller Driver for VMware ESXi 6.5 (Bundle file), v1.0.4.3008	✓			✓			
HPE ProLiant Gen10 Smart Array Controller Driver for VMware ESXi 6.7 (Bundle file), v1.0.4.3008	✓			✓			
HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component), v2019.12.01	✓			✓			
HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component), v2019.12.01	✓			✓			
HPE ProLiant Smart Array Controller Driver for VMware vSphere 6.5 (Bundle file), v2.0.44-1		✓	✓		✓	✓	
HPE ProLiant Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component), v2019.09.01		✓	✓		✓	✓	
HPE ProLiant Smart Array Controller Driver for VMware vSphere 6.7 (Bundle file), v2.0.44-1		✓	✓		✓	✓	
HPE ProLiant Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component), v2019.09.01		✓	✓		✓	✓	
HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019, v106.166.0.1022	✓			✓			
<b>Driver - System Management</b>							
iLO 3/4 Channel Interface Driver for Windows Server 2008 to Server 2012 R2, v3.30.0.0		✓	✓		✓	✓	
iLO 4 Channel Interface Driver for Windows Server 2012 and Server 2012 R2, v4.0.0.0		✓	✓		✓	✓	
iLO 4 Channel Interface Driver for Windows Server 2012 and Server 2012 R2, v4.1.0.0		✓	✓		✓	✓	
iLO 4 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.0.0.0		✓	✓		✓	✓	



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	HPE ProLiant ML350 Gen10 Server	HPE ProLiant ML350 Gen9 Server	HPE ProLiant ML150 Gen9 Server	HPE ProLiant ML110 Gen10 Server	HPE ProLiant ML110 Gen9 Server	HPE ProLiant ML30 Gen9 Server	HPE ProLiant ML30 Gen10 Server
iLO 4 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.1.0.0		✓	✓		✓	✓	
iLO 4 Management Controller Driver Package for Windows Server 2012 and Server 2012 R2, v4.0.0.0		✓	✓		✓	✓	
iLO 4 Management Controller Driver Package for Windows Server 2016 and Server 2019, v4.0.0.0 (B)		✓	✓		✓	✓	
iLO 5 Channel Interface Driver for Windows Server 2012 R2, v4.3.0.0	✓			✓			
iLO 5 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.3.0.0 (B)	✓			✓			✓
HPE ProLiant Gen9 Chipset Identifier for Windows Server 2012 R2 to Server 2019, v10.1.17969.8134		✓	✓		✓	✓	
iLO 5 Automatic Server Recovery Driver for Windows Server 2012 R2, v4.6.0.0	✓			✓			
iLO 5 Automatic Server Recovery Driver for Windows Server 2016 and Server 2019, v4.6.0.0	✓			✓			✓
iLO 5 Channel Interface Driver for Windows Server 2012 R2, v4.6.0.0	✓			✓			
iLO 5 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.6.0.0	✓			✓			✓
iLO 5 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.6.0.0 (B)	✓			✓			✓
<b>Driver - Video</b>							
Matrox G200eH Video Controller Driver for Windows Server 2012 and Server 2012 R2, v9.15.1.224		✓	✓		✓	✓	
Matrox G200eH Video Controller Driver for Windows Server 2016 and Server 2019, v9.15.1.224		✓	✓		✓	✓	
Matrox G200eH3 Video Controller Driver for Windows Server 2012 R2, v9.15.1.224 (B)	✓			✓			
Matrox G200eH3 Video Controller Driver for Windows Server 2016 and Server 2019, v9.15.1.224 (B)	✓			✓			✓
<b>Firmware - Lights-Out Management</b>							
Online ROM Flash Component for Linux - HPE Integrated Lights-Out 4, v2.72		✓	✓		✓		
Online ROM Flash Component for Linux - HPE Integrated Lights-Out 5, v1.40 (a)	✓			✓			✓
Online ROM Flash Component for Linux - HPE Integrated Lights-Out 5, v2.10	✓			✓			✓
Online ROM Flash Component for VMware ESXi - HPE Integrated Lights-Out 4, v2.72		✓	✓		✓		
Online ROM Flash Component for Windows x64 - HPE Integrated Lights-Out 4, v2.72		✓	✓		✓		
Online ROM Flash Component for Windows x64 - HPE Integrated Lights-Out 5, v1.40 (a)	✓			✓			✓
Online ROM Flash Component for Windows x64 - HPE Integrated Lights-Out 5, v2.10	✓			✓			✓
Online ROM Flash Firmware Package - HPE Integrated Lights-Out 5, v1.40 (a)	✓			✓			✓
Online ROM Flash Firmware Package - HPE Integrated Lights-Out 5, v2.10	✓			✓			✓
<b>Firmware - Network</b>							
HPE Firmware Flash for Emulex Converged Network Adapters for Linux (x64), v2019.03.01	✓	✓					
HPE Firmware Flash for Emulex Converged Network Adapters for VMware vSphere 6.5, v2019.03.01	✓	✓					

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	HPE ProLiant ML350 Gen10 Server	HPE ProLiant ML350 Gen9 Server	HPE ProLiant ML150 Gen9 Server	HPE ProLiant ML110 Gen10 Server	HPE ProLiant ML110 Gen9 Server	HPE ProLiant ML30 Gen9 Server	HPE ProLiant ML30 Gen10 Server
HPE Firmware Flash for Emulex Converged Network Adapters for VMware vSphere 6.7, v2019.03.01	✓	✓					
HPE Firmware Flash for Emulex Converged Network Adapters for Windows (x64), v2019.03.01	✓	✓					✓
HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Linux x86_64, v1.7.6	✓			✓			✓
HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for VMware, v5.9.5	✓			✓			✓
HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0	✓			✓			✓
HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64, v2.24.2	✓	✓	✓	✓	✓	✓	✓
HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware, v1.25.2	✓	✓	✓	✓	✓	✓	✓
HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0	✓	✓	✓	✓	✓	✓	✓
HPE Intel Online Firmware Upgrade Utility for Linux x86_64, v1.19.11	✓	✓	✓	✓	✓	✓	✓
HPE Intel Online Firmware Upgrade Utility for VMware, v3.12.12	✓	✓	✓	✓	✓	✓	✓
HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0	✓	✓	✓	✓	✓	✓	✓
HPE QLogic FastLinQ Online Firmware Upgrade Utility for Linux x86_64, v1.8.12	✓			✓			✓
HPE QLogic FastLinQ Online Firmware Upgrade Utility for VMware, v4.11.9	✓			✓			✓
HPE QLogic FastLinQ Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0	✓			✓			✓
HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64, v2.26.7	✓	✓	✓	✓	✓	✓	✓
HPE QLogic NX2 Online Firmware Upgrade Utility for VMware, v1.26.4	✓	✓	✓	✓	✓	✓	✓
HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0	✓	✓	✓	✓	✓	✓	✓
Online Firmware Upgrade Utility (ESXi 6.5) for HPE Ethernet 10Gb 2-port 548SFP+ Adapter, v1.0.1	✓						
Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox Ethernet only adapters, v1.0.6	✓						
Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 6.5, v1.0.5	✓						
Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox VPI (Ethernet and Infiniband mode) devices on VMware ESXi 6.5, v1.0.4	✓						
Online Firmware Upgrade Utility (ESXi 6.7) for HPE Ethernet 10Gb 2-port 548SFP+ Adapter, v1.0.1	✓						
Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox Ethernet only adapters, v1.0.2	✓						
Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 6.7, v1.0.1	✓						
Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox VPI (Ethernet and Infiniband mode) devices on VMware ESXi 6.7, v1.0.2	✓						
Online Firmware Upgrade Utility (Linux x86_64) for HPE Ethernet 10Gb 2-port 548SFP+ Adapter, v1.0.1	✓						
Online Firmware Upgrade Utility (Linux x86_64) for HPE Infiniband FDR 2P 545QSFP Adapter (HP Part # 702211-B21), HPE Infiniband FDR 2P 545FLR-QSFP Adapter (HP Part # 702212-B21) and HPE Infiniband FDR 2P 545M Adapter (HP Part #702213-B21), v1.0.7		✓					
Online Firmware Upgrade Utility (Linux x86_64) for HPE Intel OPA adapters, v1.9.2	✓	✓			✓		

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	HPE ProLiant ML350 Gen10 Server	HPE ProLiant ML350 Gen9 Server	HPE ProLiant ML150 Gen9 Server	HPE ProLiant ML110 Gen10 Server	HPE ProLiant ML110 Gen9 Server	HPE ProLiant ML30 Gen9 Server	HPE ProLiant ML30 Gen10 Server
Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox Ethernet only adapters, v1.0.11	✓						
Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Linux x86_64 platform, v1.0.7	✓						
Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and Infiniband mode) devices on Linux x86_64 platform, v1.0.9	✓						
Online Firmware Upgrade Utility (Windows x64) for HPE Ethernet 10Gb 2-port 548SFP+ Adapter, v1.0.0.1	✓						
Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters, v1.0.0.11	✓						
Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Windows x86_64 platform, v1.0.0.6	✓						
Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) devices on Windows x86_64 platform, v1.0.0.9	✓						
<b>Firmware - Storage Controller</b>							
Online ROM Flash Component for ESXi (x86) - HPE Smart Array P824i-p MR Gen10, v24.23.0-0042	✓						
Online ROM Flash Component for Linux (x64) - HPE Smart Array P824i-p MR Gen10, v24.23.0-0042 (A)	✓						
Online ROM Flash Component for Linux - HPE Host Bus Adapters H221, v15.10.10.00 (C)		✓					
Online ROM Flash component for VMware ESXi - HPE Dual 8GB microSD USB, v1.3.2.215 (B)		✓	✓		✓		
Online ROM Flash Component for VMware ESXi - HPE Express Bay Enablement Switch Card, v1.78 (B)		✓					
Online ROM Flash Component for VMware ESXi - Smart Array and Smart HBA H240ar, H240nr, H240, H241, H244br, P240nr, P244br, P246br, P440ar, P440, P441, P542D, P741m, P840, P840ar, and P841, v7.00		✓	✓		✓	✓	
Online ROM Flash Component for VMware ESXi – HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers, v4.22	✓						
Online ROM Flash Component for Windows (x64) - HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers, v4.22	✓						
Online ROM Flash Component for Windows (x64) - HPE Express Bay Enablement Switch Card, v1.78 (C)		✓					
Online ROM Flash Component for Windows (x64) - HPE Host Bus Adapters H221, v15.10.10.00 (E)		✓					
Online ROM Flash Component for Windows (x64) - HPE Smart Array P824i-p MR Gen10, v24.23.0-0042 (A)	✓						
Online ROM Flash Component for Windows (x64) - Smart Array and Smart HBA H240ar, H240nr, H240, H241, H244br, P240nr, P244br, P246br, P440ar, P440, P441, P542D, P741m, P840, P840ar, and P841, v7.00		✓	✓		✓	✓	
Supplemental Update / Online ROM Flash Component for Linux (x64) - Smart Array and Smart HBA H240ar, H240nr, H240, H241, H244br, P240nr, P244br, P246br, P440ar, P440, P441, P542D, P741m, P840, P840ar, and P841, v7.00		✓	✓		✓	✓	
Supplemental Update / Online ROM Flash Component for Linux (x64) – HPE 12Gb/s SAS Expander Firmware for HPE Smart Array Controllers and HPE HBA Controllers, v4.22	✓						
Supplemental Update / Online ROM Flash Component for Linux (x64) – HPE Express Bay Enablement Switch Card, v1.78 (B)		✓					

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant ML Servers

	HPE ProLiant ML350 Gen10 Server	HPE ProLiant ML350 Gen9 Server	HPE ProLiant ML150 Gen9 Server	HPE ProLiant ML110 Gen10 Server	HPE ProLiant ML110 Gen9 Server	HPE ProLiant ML30 Gen9 Server	HPE ProLiant ML30 Gen10 Server
HPE D6020 12Gb SAS Disk Enclosure ROM Flash Component for Linux (x64), v2.74 (D)	✓	✓	✓	✓	✓	✓	✓
HPE D6020 12Gb SAS Disk Enclosure ROM Flash Component for VMware (ESXi), v2.74 (D)	✓	✓	✓	✓	✓	✓	✓
HPE D6020 12Gb SAS Disk Enclosure ROM Flash Component for Windows (x64), v2.74 (D)	✓	✓	✓	✓	✓	✓	✓
HPE D8000 12Gb SAS Disk Enclosure ROM Flash Component for Linux (x64), v0105	✓			✓			✓
HPE D8000 12Gb SAS Disk Enclosure ROM Flash Component for VMware (ESXi), v0105	✓			✓			✓
HPE D8000 12Gb SAS Disk Enclosure ROM Flash Component for Windows (x64), v0105	✓			✓			✓
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, v2.62	✓			✓			
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, v2.62	✓			✓			
Supplemental Update / Online ROM Flash Component for Linux (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, v2.62	✓			✓			
<b>Firmware - Storage Fibre Channel</b>							
HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64), v2019.12.01	✓	✓					
HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.5, v2019.12.01	✓	✓					
HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.7, v2019.12.01	✓	✓					
HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Windows 2012 R2/2016/2019 x64, v2019.12.01	✓	✓					
HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64), v2019.12.01	✓	✓					
HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.5, v2019.12.01	✓	✓					
HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.7, v2019.12.01	✓	✓					
HPE Firmware Online Flash for QLogic Fibre Channel Host Bus Adapters - Windows 2012R2/2016/2019 (x86_64), v2019.12.01	✓	✓					✓
<b>Software - Lights-Out Management</b>							
HP Lights-Out Online Configuration Utility for Linux (AMD64/EM64T), v5.5.0-0	✓	✓	✓	✓	✓	✓	✓
HP Lights-Out Online Configuration Utility for Windows x64 Editions, v5.3.0.0	✓	✓	✓	✓	✓	✓	✓
<b>Software - Storage Controller</b>							
HPE MegaRAID Storage Administrator StorCLI for VMware6.5, v2019.09.00	✓						
HPE MegaRAID Storage Administrator StorCLI for VMware6.7, v2019.09.00	✓						
HPE ProLiant Smart Array SAS/SATA Event Notification Service for 64-bit Windows Server Editions, v6.46.0.64 (E)		✓	✓				
HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions, v1.2.1.64				✓			

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	HPE ProLiant ML350 Gen10 Server	HPE ProLiant ML350 Gen9 Server	HPE ProLiant ML150 Gen9 Server	HPE ProLiant ML110 Gen10 Server	HPE ProLiant ML110 Gen9 Server	HPE ProLiant ML30 Gen9 Server	HPE ProLiant ML30 Gen10 Server
<b>Software - Storage Fibre Channel HBA</b>							
HPE Emulex(BRCM) Fibre Channel Over Ethernet Enablement Kit for Red Hat Enterprise Linux 7 Server, v12.0.1210.0	✓	✓					
HPE Emulex(BRCM) Fibre Channel Over Ethernet Enablement Kit for SUSE Linux Enterprise Server 12, v12.0.1210.0	✓	✓					
HPE Emulex(BRCM) Fibre Channel Over Ethernet Enablement Kit for SUSE Linux Enterprise Server 15, v12.0.1210.0	✓	✓					
Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL), v4.1-1 (b)	✓	✓					
Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -SuSE Linux Enterprise Server(SLES), v4.1-1 (b)	✓	✓					
HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 7 Server, v12.4.256.0	✓	✓					
HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 8 Server, v12.4.256.0	✓	✓					
HPE Emulex Fibre Channel Enablement Kit for SUSE Linux Enterprise Server 12, v12.4.256.0	✓	✓					
HPE Emulex Fibre Channel Enablement Kit for SUSE Linux Enterprise Server 15, v12.4.256.0	✓	✓					
HPE Emulex Smart SAN Enablement Kit for Linux, v1.0.0.0-4 (e)	✓	✓					
HPE Emulex Smart SAN Enablement Kit for Windows 64 bit operating systems, v1.0.0.1 (i)	✓	✓					
HPE QLogic Fibre Channel Enablement Kit for Linux, v6.0.0.0-11 (b)	✓	✓					
HPE QLogic Smart SAN enablement kit for Linux, v3.3-3 (h)	✓	✓					
HPE QLogic Smart SAN Enablement Kit for Windows 64 bit operating systems, v1.0.0.1 (i)	✓	✓					
<b>Software - System Management</b>							
HPE Insight Management Agents for Windows Server x64 Editions, v11.0.0.0		✓	✓		✓	✓	
HPE Insight Management WBEM Providers for Windows Server x64 Editions, v10.75.0.0		✓	✓		✓	✓	
HPE MegaRAID Storage Administrator (HPE MRSAs) for Linux 64-bit, v3.113.0.0	✓						
HPE MegaRAID Storage Administrator (HPE MRSAs) for Windows 64-bit, v3.113.0.0	✓						
HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit, v1.25.12	✓						
HPE MegaRAID Storage Administrator StorCLI for VMware, v1.25.12	✓						
HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit, v1.25.12.0	✓						
HPE ProLiant Agentless Management Service for Red Hat Enterprise Linux 7 Server, v2.9.1		✓	✓		✓	✓	
HPE ProLiant Agentless Management Service for SUSE LINUX Enterprise Server 12, v2.9.1		✓	✓		✓	✓	
HPE System Health Application and Command Line Utilities for Red Hat Enterprise Linux 7 Server, v10.9.0		✓	✓		✓		
HPE System Health Application and Command Line Utilities for SUSE LINUX Enterprise Server 12, v10.9.0		✓	✓		✓		
HPE System Management Homepage for Linux (AMD64/EM64T), v7.6.5-3		✓	✓		✓	✓	
HPE System Management Homepage for Windows x64, v7.6.3.3		✓	✓		✓	✓	

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant ML Servers

	HPE ProLiant ML350 Gen10 Server	HPE ProLiant ML350 Gen9 Server	HPE ProLiant ML150 Gen9 Server	HPE ProLiant ML110 Gen10 Server	HPE ProLiant ML110 Gen9 Server	HPE ProLiant ML30 Gen9 Server	HPE ProLiant ML30 Gen10 Server
HPE System Management Homepage Templates for Linux, v10.8.1		✓	✓		✓	✓	
NVMe Drive Eject NMI Fix for Intel Xeon Processor Scalable Family for Windows, v1.1.0.0 (C)	✓			✓			
Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 7 Server, v2.1.0	✓			✓			✓
Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 8 Server, v2.1.0	✓			✓			✓
Agentless Management Service (iLO 5) for SUSE Linux Enterprise Server 12, v2.1.0	✓			✓			✓
Agentless Management Service (iLO 5) for SUSE Linux Enterprise Server 15, v2.1.0	✓			✓			✓
Agentless Management Service for Windows X64, v2.10.0.0	✓			✓			✓
HPE Offline Bundle for ESXi 6.5, v3.5.0	✓	✓	✓		✓	✓	✓
HPE Offline Bundle for ESXi 6.7, v3.5.0	✓			✓			✓
HPE ProLiant Agentless Management Service for HPE Apollo, ProLiant and Synergy Gen9 servers, v10.97.0.0		✓	✓		✓	✓	
HPE Smart Storage Administrator (HPE SSA) CLI for Linux 64-bit, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓
HPE Smart Storage Administrator (HPE SSA) CLI for VMware 6.5, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓
HPE Smart Storage Administrator (HPE SSA) CLI for VMware 6.7, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓
HPE Smart Storage Administrator (HPE SSA) CLI for Windows 64-bit, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓
HPE Smart Storage Administrator (HPE SSA) for Linux 64-bit, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓
HPE Smart Storage Administrator (HPE SSA) for Windows 64-bit, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓
HPE Smart Storage Administrator Diagnostic Utility (HPE SSADU) CLI for Linux 64-bit, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓
HPE Smart Storage Administrator Diagnostic Utility (HPE SSADU) CLI for Windows 64-bit, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓
HPE SNMP Agents for Red Hat Enterprise Linux 7 Server, v10.9.0		✓	✓		✓		
HPE SNMP Agents for SUSE LINUX Enterprise Server 12, v10.9.0		✓	✓		✓		
HPE Utilities Offline Bundle for ESXi 6.5, v3.5.0	✓	✓	✓	✓	✓	✓	✓
HPE Utilities Offline Bundle for ESXi 6.7, v3.5.0	✓			✓			✓
Integrated Smart Update Tools for VMware ESXi 6.5, v2.5.0.0	✓			✓			✓
Integrated Smart Update Tools for VMware ESXi 6.7, v2.5.0.0	✓			✓			✓
<b>Firmware - Power Management</b>							
Online ROM Flash for Linux - Advanced Power Capping Microcontroller Firmware for HPE Gen10 Servers, v1.0.7	✓			✓			✓
Online ROM Flash for Linux - Advanced Power Capping Microcontroller Firmware for HPE Gen9 Servers, v1.0.9 (J)		✓	✓		✓		
Online ROM Flash for VMware ESXi - Advanced Power Capping Microcontroller Firmware for HPE Gen9 Servers, v1.0.9 (I)		✓	✓		✓		
Online ROM Flash for Windows x64 - Advanced Power Capping Microcontroller Firmware for HPE Gen10 Servers, v1.0.7	✓			✓			✓

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	HPE ProLiant ML350 Gen10 Server	HPE ProLiant ML350 Gen9 Server	HPE ProLiant ML150 Gen9 Server	HPE ProLiant ML110 Gen10 Server	HPE ProLiant ML110 Gen9 Server	HPE ProLiant ML30 Gen9 Server	HPE ProLiant ML30 Gen10 Server
Online ROM Flash for Windows x64 - Advanced Power Capping Microcontroller Firmware for HPE Gen9 Servers, v1.0.9(l)		✓	✓		✓		
ROM Flash Firmware Package - Advanced Power Capping Microcontroller Firmware for HPE Gen10 Servers, v1.0.7	✓			✓			✓
<b>Software - Network</b>							
Broadcom Active Health System Agent for HPE ProLiant Network Adapters for Linux x86_64, v1.0.21-1		✓	✓		✓	✓	
Intel Active Health System Agent for HPE ProLiant Network Adapters for Linux x86_64, v1.1.83.0-1 (B)		✓	✓		✓	✓	
<b>Software - Management</b>							
HPE Management Bundle Smart Component for ESXi 6.5, v2019.12.01	✓	✓	✓	✓	✓	✓	✓
HPE Management Bundle Smart Component for ESXi 6.7, v2019.12.01	✓			✓			✓
<b>Software - Storage Fibre Channel</b>							
Emulex Fibre Channel driver component for VMware vSphere 6.5, v2019.12.01	✓	✓					
Emulex Fibre Channel driver component for VMware vSphere 6.7, v2019.12.01	✓	✓					
Emulex(BRCM) Fibre Channel over Ethernet driver for VMware vSphere 6.5, v2019.03.01	✓	✓					
Emulex(BRCM) Fibre Channel over Ethernet driver for VMware vSphere 6.7, v2019.03.01	✓	✓					
QLogic Fibre Channel driver component for VMware vSphere 6.5, v2019.12.01	✓	✓					
QLogic Fibre Channel driver component for VMware vSphere 6.7, v2019.12.01	✓	✓					
<b>Driver - Storage Fibre Channel and Fibre Channel Over Ethernet</b>							
HPE Storage Fibre Channel Over Ethernet Adapter Kit for the x64 Emulex Storport Driver for Windows 2012, Windows 2012R2 and Windows 2016, v12.0.1192.0	✓	✓					
HPE Storage Fibre Channel Over Ethernet Adapter Kit for the x64 Emulex Storport Driver for Windows 2019, v12.0.1192.0 (b)	✓	✓					✓
Red Hat Enterprise Linux 7 Server FCoE Driver Kit for HPE Emulex(BRCM) Converged Network Adapters(CNAs) and mezzanine Converged Network Adapters(CNAs), v12.0.1216.0	✓	✓					
SUSE Linux Enterprise Server 12 FCoE Driver Kit for HPE Emulex(BRCM) Converged Network Adapters(CNAs) and mezzanine Converged Network Adapters(CNAs), v12.0.1216.0	✓	✓					
SUSE Linux Enterprise Server 15 FCoE Driver Kit for HPE Emulex(BRCM) Converged Network Adapters(CNAs) and mezzanine Converged Network Adapters(CNAs), v12.0.1216.0	✓	✓					
HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2012R2 and Windows 2016, v12.4.243.4	✓	✓					
HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2019, v12.4.243.4	✓	✓					
HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2012 R2, v9.3.3.20 (b)	✓	✓					
HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2016, v9.3.3.20 (b)	✓	✓					
HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2019, v9.3.3.20 (b)	✓	✓					✓

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	HPE ProLiant ML350 Gen10 Server	HPE ProLiant ML350 Gen9 Server	HPE ProLiant ML150 Gen9 Server	HPE ProLiant ML110 Gen10 Server	HPE ProLiant ML110 Gen9 Server	HPE ProLiant ML30 Gen9 Server	HPE ProLiant ML30 Gen10 Server
Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.07.6-k1 (b)	✓	✓					
Red Hat Enterprise Linux 7 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓	✓					
Red Hat Enterprise Linux 7 Update 6 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓	✓					
Red Hat Enterprise Linux 7 Update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.07.6-k1	✓	✓					
Red Hat Enterprise Linux 8 Server FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.08.0-k1 (b)	✓	✓					
Red Hat Enterprise Linux 8 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓	✓					
SUSE Linux Enterprise Server 12 FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.12.4-k1 (b)	✓	✓					
SUSE Linux Enterprise Server 12 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓	✓					
SUSE Linux Enterprise Server 12 Service Pack 3 FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v8.08.00.08.12.3-k12	✓	✓					
SUSE Linux Enterprise Server 12 Service Pack 3 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓	✓					
SUSE Linux Enterprise Server 15 FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.15.1-k1 (b)	✓	✓					
SUSE Linux Enterprise Server 15 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓	✓					
SUSE Linux Enterprise Server 15 Service Pack 0 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓	✓					
SUSE Linux Enterprise Server 15 Service Pack 0 Fibre Channel Driver Kit Host Bus Adapters for HPE QLogic and mezzanine Host Bus Adapters, v10.01.00.52.15.0-k1	✓	✓					
<b>Firmware - System</b>							
Firmware Package - Gen10 NVMe Backplane PIC Firmware, v1.20	✓						
Online Flash Component for Linux - Gen10 NVMe Backplane PIC Firmware, v1.20 (E)	✓						
Online Flash Component for Windows x64 - Gen10 NVMe Backplane PIC Firmware, v1.20 (D)	✓						
Online ROM Flash for Linux - HPE Gen10 Innovation Engine Firmware for HPE Gen10 Servers, v0.2.1.2 (B)	✓			✓			
Online ROM Flash for Windows x64 - HPE Gen10 Innovation Engine Firmware for HPE Gen10 Servers, v0.2.1.2	✓			✓			
ROM Flash Firmware Package - HPE Gen10 Innovation Engine Firmware for HPE Gen10 Servers, v0.2.1.2	✓			✓			
Online ROM Flash Component for Windows x64 - Server Platform Services (SPS) Firmware for HPE Gen10 Servers, v04.01.04.339	✓			✓			
Online ROM Flash Component for Windows x64 - Server Platform Services (SPS) Firmware for HPE ProLiant DL20/ML30 Gen10, v05.01.03.078							✓
Online ROM Flash for Linux - Server Platform Services (SPS) Firmware for HPE Gen10 Servers, v04.01.04.339	✓			✓			
Online ROM Flash for Linux - Server Platform Services (SPS) Firmware for HPE ProLiant DL20/ML30 Gen10, v05.01.03.078							✓
ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for HPE Gen10 Servers, v04.01.04.339	✓			✓			
ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for HPE Gen10 Servers, v05.01.03.078							✓
Server Platform Services (SPS) Firmware for Intel C242 and C246 PCH based systems, v05.01.03.078							✓
<b>Firmware (Entitlement Required) - Storage Controller</b>							



## Service Pack for ProLiant, v2019.12.0 - HP ProLiant ML Servers

	HPE ProLiant ML350 Gen10 Server	HPE ProLiant ML350 Gen9 Server	HPE ProLiant ML150 Gen9 Server	HPE ProLiant ML110 Gen10 Server	HPE ProLiant ML110 Gen9 Server	HPE ProLiant ML30 Gen9 Server	HPE ProLiant ML30 Gen10 Server
HP D2600/D2700 6Gb SAS Disk Enclosure ROM Flash Component for Linux (x64), v0150 (B)		✓					
HP D2600/D2700 6Gb SAS Disk Enclosure ROM Flash Component for Windows (x64), v0150 (B)		✓					
HPE D3600/D3700/D3610/D3710 12Gb SAS Disk Enclosure ROM Flash Component for Linux (x64), v4.12	✓	✓	✓	✓	✓	✓	✓
HPE D3600/D3700/D3610/D3710 12Gb SAS Disk Enclosure ROM Flash Component for VMware (ESXi), v4.12	✓	✓	✓	✓	✓	✓	✓
HPE D3600/D3700/D3610/D3710 12Gb SAS Disk Enclosure ROM Flash Component for Windows (x64), v4.12	✓	✓	✓	✓	✓	✓	✓

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant XL Servers

	HP ProLiant XL750f Gen9 Server	HP ProLiant XL740f Gen9 Server	HPE ProLiant XL730f Gen9 Server	HPE ProLiant XL450 Gen10 Server	HPE ProLiant XL450 Gen9 Server	HPE ProLiant XL420 Gen10 Server	HPE ProLiant XL270d Gen10 Server	HPE ProLiant XL270d Gen9 Server	HPE ProLiant XL2x260w Server	HPE ProLiant XL260a Gen9 Server	HPE ProLiant XL250a Gen9 Server	HPE ProLiant XL230k Gen10 Server	HPE ProLiant XL230a Gen9 Server	HPE ProLiant XL190r Gen10 Server	HPE ProLiant XL190r Gen9 Server	HPE ProLiant XL170r Gen10 Server	HPE ProLiant XL170r Gen9 Server
<b>BIOS - System ROM</b>																	
Online ROM Flash Component for Linux - HPE ProLiant XL260a Gen9/XL2x260w (U24) Server, v1.60_01-22-2018 (B)									✓	✓							
Online ROM Flash Component for Linux - HPE Apollo 2000 Gen10/HPE ProLiant XL170r/XL190r Gen10 (U38) Servers, v2.22_11-13-2019															✓		✓
Online ROM Flash Component for Linux - HPE Apollo 4200 Gen10/HPE ProLiant XL420 Gen10 (U39) Servers, v2.22_11-13-2019																	
Online ROM Flash Component for Linux - HPE Apollo 4510 Gen10/HPE ProLiant XL450 Gen10 (U40) Servers, v2.22_11-13-2019				✓													
Online ROM Flash Component for Linux - HPE Apollo 6500 Gen10/HPE ProLiant XL270d Gen10 (U45) Servers, v2.22_11-13-2019						✓											
Online ROM Flash Component for Linux - HPE ProLiant XL170r/XL190r Gen9 (U14) Servers, v2.76_10-21-2019																✓	✓
Online ROM Flash Component for Linux - HPE ProLiant XL230a/XL250a Gen9 (U13) Servers, v2.76_10-21-2019											✓				✓		
Online ROM Flash Component for Linux - HPE ProLiant XL230k Gen10 (U37) Server, v2.22_11-13-2019												✓					
Online ROM Flash Component for Linux - HPE ProLiant XL270d (U25) Accelerator Tray, v2.76_10-21-2019									✓								
Online ROM Flash Component for Linux - HPE ProLiant XL450 Gen9 (U21) Servers, v2.76_10-21-2019					✓												
Online ROM Flash Component for Linux - HPE ProLiant XL730f/XL740f/XL750f Gen9 (U18) Servers, v2.76_10-21-2019	✓	✓	✓														
Online ROM Flash Component for VMware - HPE ProLiant XL170r/XL190r Gen9 (U14) Servers, v2.76_10-21-2019																✓	✓
Online ROM Flash Component for VMware - HPE ProLiant XL450 Gen9 (U21) Servers, v2.76_10-21-2019					✓												
Online ROM Flash Component for VMware ESXi- HPE ProLiant XL230a/XL250a Gen9 (U13) Servers, v2.76_10-21-2019										✓				✓			
Online ROM Flash Component for Windows x64 - HPE Apollo 2000 Gen10/HPE ProLiant XL170r/XL190r Gen10 (U38) Servers, v2.22_11-13-2019															✓		✓
Online ROM Flash Component for Windows x64 - HPE Apollo 4200 Gen10/HPE ProLiant XL420 Gen10 (U39) Servers, v2.22_11-13-2019																	
Online ROM Flash Component for Windows x64 - HPE Apollo 4510 Gen10/HPE ProLiant XL450 Gen10 (U40) Servers, v2.22_11-13-2019				✓													
Online ROM Flash Component for Windows x64 - HPE Apollo 6500 Gen10/HPE ProLiant XL270d Gen10 (U45) Servers, v2.22_11-13-2019						✓											
Online ROM Flash Component for Windows x64 - HPE ProLiant XL170r/XL190r Gen9 (U14) Servers, v2.76_10-21-2019																✓	✓
Online ROM Flash Component for Windows x64 - HPE ProLiant XL230a/XL250a Gen9 (U13) Servers, v2.76_10-21-2019											✓			✓			
Online ROM Flash Component for Windows x64 - HPE ProLiant XL230k Gen10 (U37) Server, v2.22_11-13-2019												✓					
Online ROM Flash Component for Windows x64 - HPE ProLiant XL270d (U25) Accelerator Tray, v2.76_10-21-2019									✓								
Online ROM Flash Component for Windows x64 - HPE ProLiant XL450 Gen9 (U21) Servers, v2.76_10-21-2019					✓												
ROM Flash Firmware Package - HPE Apollo 2000 Gen10/HPE ProLiant XL170r/XL190r Gen10 (U38) Servers, v2.22_11-13-2019															✓		✓
ROM Flash Firmware Package - HPE Apollo 4200 Gen10/HPE ProLiant XL420 Gen10 (U39) Servers, v2.22_11-13-2019																	
ROM Flash Firmware Package - HPE Apollo 4510 Gen10/HPE ProLiant XL450 Gen10 (U40) Servers, v2.22_11-13-2019				✓													
ROM Flash Firmware Package - HPE Apollo 6500 Gen10/HPE ProLiant XL270d Gen10 (U45) Servers, v2.22_11-13-2019						✓											
ROM Flash Firmware Package - HPE ProLiant XL230k Gen10 (U37) Server, v2.22_11-13-2019												✓					
<b>Driver - Chipset</b>																	
Identifiers for AMD EPYC Processors for Windows, v3.0.0.0 (B)																	
Identifiers for Intel Xeon Scalable Processors (First and Second Generation) for Windows, v10.1.18015.8142				✓		✓	✓					✓		✓		✓	
<b>Driver - Network</b>																	
HPE Broadcom NetXtreme-E Driver for Windows Server 2012 R2, v214.0.177.0 (B)				✓										✓	✓	✓	
HPE Broadcom NetXtreme-E Driver for Windows Server 2016, v214.0.177.0 (B)				✓										✓	✓	✓	
HPE Broadcom NetXtreme-E Driver for Windows Server 2019, v214.0.177.0 (B)				✓										✓	✓	✓	
HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7, v1.9.2-214.0.182.0 (C)				✓		✓	✓							✓	✓	✓	
HPE Broadcom NetXtreme-E Drivers for SUSE Linux Enterprise Server 12 x86_64, v1.9.2-214.0.182.0 (B)				✓		✓	✓							✓	✓	✓	
HPE Broadcom NetXtreme-E Drivers for SUSE Linux Enterprise Server 15, v1.9.2-214.0.182.0 (B)				✓		✓	✓							✓	✓	✓	
HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.5, v2019.12.20				✓		✓	✓							✓	✓	✓	
HPE Broadcom NetXtreme-E Drivers for VMware vSphere 6.7, v2019.12.20						✓	✓							✓	✓	✓	

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant XL Servers

	HP ProLiant XL750f Gen9 Server	HP ProLiant XL740f Gen9 Server	HPE ProLiant XL730f Gen9 Server	HPE ProLiant XL450 Gen10 Server	HPE ProLiant XL450 Gen9 Server	HPE ProLiant XL420 Gen10 Server	HPE ProLiant XL270d Gen10 Server	HPE ProLiant XL270d Gen9 Server	HPE ProLiant XL2x260w Server	HPE ProLiant XL260a Gen9 Server	HPE ProLiant XL250a Gen9 Server	HPE ProLiant XL230k Gen10 Server	HPE ProLiant XL230a Gen9 Server	HPE ProLiant XL190r Gen10 Server	HPE ProLiant XL190r Gen9 Server	HPE ProLiant XL170r Gen10 Server	HPE ProLiant XL170r Gen9 Server
HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 6, v214.0.181.0 (C)				✓		✓						✓		✓		✓	
HPE Broadcom NetXtreme-E RoCE Library for SUSE Linux Enterprise Server 12 SP3, v214.0.181.0 (B)				✓			✓					✓		✓		✓	
HPE Broadcom NetXtreme-E RoCE Library for SUSE Linux Enterprise Server 12 SP4, v214.0.181.0 (B)				✓			✓					✓		✓		✓	
HPE Broadcom NetXtreme-E RoCE Library for SUSE Linux Enterprise Server 15, v214.0.181.0 (B)				✓			✓					✓		✓		✓	
HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions, v214.0.0.0 (C)				✓	✓			✓				✓		✓	✓	✓	✓
HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64, v3.137y-1 (B)	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Broadcom tg3 Ethernet Drivers for SUSE Linux Enterprise Server 12 x86_64, v3.137y-2 (B)	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Broadcom tg3 Ethernet Drivers for SUSE Linux Enterprise Server 15, v3.137y-2 (B)	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20 GbE Driver for VMware vSphere 6.5, v2019.12.20				✓	✓	✓					✓		✓	✓	✓	✓	✓
HPE Emulex 10/20 GbE Driver for VMware vSphere 6.7, v2019.12.20						✓						✓		✓	✓	✓	✓
HPE Emulex 10/20 GbE Driver for Windows Server 2012 R2, v12.0.1195.0 (B)				✓	✓			✓			✓		✓	✓	✓	✓	✓
HPE Emulex 10/20 GbE Driver for Windows Server 2016, v12.0.1195.0 (B)				✓	✓			✓			✓		✓	✓	✓	✓	✓
HPE Emulex 10/20 GbE Driver for Windows Server 2019, v12.0.1195.0 (B)				✓	✓	✓					✓		✓	✓	✓	✓	✓
HPE Emulex 10/20 GbE iSCSI Driver for Windows Server 2012 R2, v12.0.1171.0 (B)				✓	✓			✓			✓		✓	✓	✓	✓	✓
HPE Emulex 10/20 GbE iSCSI Driver for Windows Server 2016, v12.0.1171.0 (B)				✓	✓			✓			✓		✓	✓	✓	✓	✓
HPE Emulex 10/20 GbE iSCSI Driver for Windows Server 2019, v12.0.1171.0 (B)				✓	✓	✓					✓		✓	✓	✓	✓	✓
HPE Emulex 10/20GbE Drivers for Red Hat Enterprise Linux 7 x86_64, v12.0.1216.1-1 (B)	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20GbE Drivers for SUSE Linux Enterprise Server 12 x86_64, v12.0.1216.1-1 (B)	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20GbE Drivers for SUSE Linux Enterprise Server 15, v12.0.1216.1-1 (B)	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20GbE iSCSI Driver for VMware vSphere 6.5, v2019.12.20				✓	✓	✓					✓		✓	✓	✓	✓	✓
HPE Emulex 10/20GbE iSCSI Driver for VMware vSphere 6.7, v2019.12.20						✓						✓		✓	✓	✓	✓
HPE Emulex 10/20GbE iSCSI Drivers for Red Hat Enterprise Linux 7 x86_64, v12.0.1216.1-1 (B)	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20GbE iSCSI Drivers for SUSE Linux Enterprise Server 12 x86_64, v12.0.1216.1-1 (B)	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Emulex 10/20GbE iSCSI Drivers for SUSE Linux Enterprise Server 15, v12.0.1216.1-1 (B)	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel E1R Driver for Windows Server 2012 R2, v12.14.8.1				✓	✓			✓				✓		✓	✓	✓	✓
HPE Intel E1R Driver for Windows Server 2016, v12.15.184.7				✓	✓			✓				✓		✓	✓	✓	✓
HPE Intel E1R Driver for Windows Server 2019, v12.18.9.1				✓	✓			✓				✓		✓	✓	✓	✓
HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64, v2.10.19.30-2	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel i40e Drivers for Red Hat Enterprise Linux 8, v2.10.19.30-2	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel i40e Drivers for SUSE Linux Enterprise Server 12 x86_64, v2.10.19.30-2	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel i40e Drivers for SUSE Linux Enterprise Server 15, v2.10.19.30-2	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel i40ea Driver for Windows Server 2012 R2, v1.11.101.0				✓	✓			✓				✓		✓	✓	✓	✓
HPE Intel i40ea Driver for Windows Server 2016, v1.11.101.0				✓	✓			✓				✓		✓	✓	✓	✓
HPE Intel i40ea Driver for Windows Server 2019, v1.11.101.0				✓	✓			✓				✓		✓	✓	✓	✓
HPE Intel i40eb Driver for Windows Server 2012 R2, v1.11.101.0				✓								✓		✓		✓	
HPE Intel i40eb Driver for Windows Server 2016, v1.11.101.0				✓								✓		✓		✓	
HPE Intel i40eb Driver for Windows Server 2019, v1.11.101.0				✓								✓		✓		✓	
HPE Intel i40en Driver for VMware vSphere 6.5, v2019.12.20				✓	✓						✓		✓	✓	✓	✓	✓
HPE Intel i40en Driver for VMware vSphere 6.7, v2019.12.20				✓	✓						✓		✓	✓	✓	✓	✓
HPE Intel iavf Driver for Windows Server 2012 R2, v1.7.119.0				✓	✓			✓			✓		✓	✓	✓	✓	✓
HPE Intel iavf Driver for Windows Server 2016, v1.7.119.0				✓	✓			✓			✓		✓	✓	✓	✓	✓

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant XL Servers

	HP ProLiant XL750f Gen9 Server	HP ProLiant XL740f Gen9 Server	HPE ProLiant XL730f Gen9 Server	HPE ProLiant XL450 Gen10 Server	HPE ProLiant XL450 Gen9 Server	HPE ProLiant XL420 Gen10 Server	HPE ProLiant XL270d Gen10 Server	HPE ProLiant XL270d Gen9 Server	HPE ProLiant XL2x260w Server	HPE ProLiant XL260a Gen9 Server	HPE ProLiant XL250a Gen9 Server	HPE ProLiant XL230k Gen10 Server	HPE ProLiant XL230a Gen9 Server	HPE ProLiant XL190r Gen10 Server	HPE ProLiant XL190r Gen9 Server	HPE ProLiant XL170r Gen10 Server	HPE ProLiant XL170r Gen9 Server
HPE Intel iavf Driver for Windows Server 2019, v1.7.119.0				✓													
HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64, v3.7.61.20-1	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel iavf Drivers for Red Hat Enterprise Linux 8, v3.7.61.20-1	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel iavf Drivers for SUSE Linux Enterprise Server 12 x86_64, v3.7.61.20-1	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel iavf Drivers for SUSE Linux Enterprise Server 15, v3.7.61.20-1	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64, v6.2.1-1	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel igb Drivers for Red Hat Enterprise Linux 8, v6.2.1-1	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel igb Drivers for SUSE Linux Enterprise Server 12 x86_64, v6.2.1-1	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel igb Drivers for SUSE Linux Enterprise Server 15, v6.2.1-1	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel igbn Driver for VMware vSphere 6.5, v2019.12.20				✓	✓							✓	✓	✓	✓	✓	✓
HPE Intel igbn Driver for VMware vSphere 6.7, v2019.12.20				✓	✓							✓	✓	✓	✓	✓	✓
HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 7 x86_64, v5.6.4-2	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 8, v5.6.4-2	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgbe Drivers for SUSE Linux Enterprise Server 12 x86_64, v5.6.4-2	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgbe Drivers for SUSE Linux Enterprise Server 15, v5.6.4-2	✓	✓		✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgben Driver for VMware vSphere 6.5, v2019.12.20				✓	✓	✓	✓					✓	✓	✓	✓	✓	✓
HPE Intel ixgben Driver for VMware vSphere 6.7, v2019.12.20				✓	✓	✓	✓					✓	✓	✓	✓	✓	✓
HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 7 x86_64, v4.6.2-2	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 8, v4.6.2-2	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgbev Drivers for SUSE Linux Enterprise Server 12 x86_64, v4.6.2-2	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixgbev Drivers for SUSE Linux Enterprise Server 15, v4.6.2-2	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel ixn Driver for Windows Server 2012 R2, v3.14.132.0 (B)				✓	✓			✓				✓	✓	✓	✓	✓	✓
HPE Intel ixn Driver for Windows Server 2016, v4.1.131.0 (B)				✓	✓			✓				✓	✓	✓	✓	✓	✓
HPE Intel ixn Driver for Windows Server 2019, v4.1.143.0 (C)				✓								✓	✓	✓	✓	✓	✓
HPE Intel ixv Driver for Windows Server 2012 R2, v3.14.132.0 (B)				✓								✓	✓	✓	✓	✓	✓
HPE Intel ixv Driver for Windows Server 2016, v4.1.131.0 (B)				✓								✓	✓	✓	✓	✓	✓
HPE Intel ixv Driver for Windows Server 2019, v4.1.143.0 (B)				✓								✓	✓	✓	✓	✓	✓
HPE Intel vxn Driver for Windows Server 2012 R2, v1.0.16.1 (B)				✓	✓			✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel vxn Driver for Windows Server 2016, v2.0.210.0 (D)				✓	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel vxn Driver for Windows Server 2019, v2.1.138.0 (B)				✓								✓	✓	✓	✓	✓	✓
HPE Intel vxs Driver for Windows Server 2012 R2, v1.2.131.0 (B)				✓								✓	✓	✓	✓	✓	✓
HPE Intel vxs Driver for Windows Server 2016, v2.1.133.0 (B)				✓								✓	✓	✓	✓	✓	✓
HPE Intel vxs Driver for Windows Server 2019, v2.1.138.0 (B)				✓								✓	✓	✓	✓	✓	✓
HPE Mellanox CX3 Driver for Windows Server 2012 R2, v5.35.12978.0 (B)					✓			✓		✓		✓	✓	✓	✓	✓	✓
HPE Mellanox CX3 Driver for Windows Server 2016, v5.35.12978.0 (D)					✓			✓		✓		✓	✓	✓	✓	✓	✓
HPE Mellanox CX4LX and CX5 Driver for Windows Server 2012 R2, v2.30.21713.0				✓	✓			✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Mellanox CX4LX and CX5 Driver for Windows Server 2016, v2.30.21713.0				✓	✓			✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Mellanox CX4LX and CX5 Driver for Windows Server 2019, v2.30.21713.0				✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 7 Update 6 (x86_64), v4.13				✓			✓					✓	✓	✓	✓	✓	✓
HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 7 Update 7 (x86_64), v4.13				✓			✓					✓	✓	✓	✓	✓	✓
HPE Mellanox MFT Driver and Firmware Tools for Red Hat Enterprise Linux 8 (x86_64), v4.13				✓			✓					✓	✓	✓	✓	✓	✓

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant XL Servers

	HP ProLiant XL750f Gen9 Server	HP ProLiant XL740f Gen9 Server	HPE ProLiant XL730f Gen9 Server	HPE ProLiant XL450 Gen10 Server	HPE ProLiant XL450 Gen9 Server	HPE ProLiant XL420 Gen10 Server	HPE ProLiant XL270d Gen10 Server	HPE ProLiant XL270d Gen9 Server	HPE ProLiant XL2x260w Server	HPE ProLiant XL260a Gen9 Server	HPE ProLiant XL250a Gen9 Server	HPE ProLiant XL230k Gen10 Server	HPE ProLiant XL230a Gen9 Server	HPE ProLiant XL190r Gen10 Server	HPE ProLiant XL190r Gen9 Server	HPE ProLiant XL170r Gen10 Server	HPE ProLiant XL170r Gen9 Server
HPE Mellanox MFT Driver and Firmware Tools for SUSE Linux Enterprise Server 12 SP3 (AMD64/EM64T), v4.13				✓			✓					✓		✓		✓	
HPE Mellanox MFT Driver and Firmware Tools for SUSE Linux Enterprise Server 12 SP4 (AMD64/EM64T), v4.13				✓			✓					✓		✓		✓	
HPE Mellanox MFT Driver and Firmware Tools for SUSE Linux Enterprise Server 15 SP0 (AMD64/EM64T), v4.13				✓			✓					✓		✓		✓	
HPE Mellanox MFT Driver and Firmware Tools for SUSE Linux Enterprise Server 15 SP1 (AMD64/EM64T), v4.13				✓			✓					✓		✓		✓	
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 6 (x86_64), v4.7				✓	✓		✓	✓			✓		✓	✓	✓	✓	✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 7 (x86_64), v4.7				✓	✓		✓	✓			✓		✓	✓	✓	✓	✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 8 (x86_64), v4.7				✓	✓		✓	✓			✓		✓	✓	✓	✓	✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for SUSE LINUX Enterprise Server 12 SP3 (AMD64/EM64T), v4.7				✓	✓		✓	✓			✓		✓	✓	✓	✓	✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for SUSE LINUX Enterprise Server 12 SP4 (AMD64/EM64T), v4.7				✓	✓		✓	✓			✓		✓	✓	✓	✓	✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for SUSE LINUX Enterprise Server 15 SP0 (AMD64/EM64T), v4.7				✓	✓		✓	✓			✓		✓	✓	✓	✓	✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for SUSE LINUX Enterprise Server 15 SP1 (AMD64/EM64T), v4.7				✓	✓		✓	✓			✓		✓	✓	✓	✓	✓
HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 7 x86_64, v8.42.8.0-1				✓		✓					✓		✓		✓		✓
HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 8, v8.42.8.0-1				✓		✓					✓		✓		✓		✓
HPE QLogic FastLinQ 10/25/50 GbE Drivers for SUSE Linux Enterprise Server 12 x86_64, v8.42.8.0-1				✓			✓				✓		✓		✓		✓
HPE QLogic FastLinQ 10/25/50 GbE Drivers for SUSE Linux Enterprise Server 15, v8.42.8.0-1				✓			✓				✓		✓		✓		✓
HPE QLogic FastLinQ 10/25/50 GbE Drivers for Windows Server x64 Editions, v8.42.10.0				✓		✓					✓		✓		✓		✓
HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 6.5, v2019.12.20				✓		✓	✓				✓		✓		✓		✓
HPE QLogic FastLinQ 10/25/50 GbE Multifunction Driver for VMware vSphere 6.7, v2019.12.20				✓		✓	✓				✓		✓		✓		✓
HPE QLogic FastLinQ Open-iSCSI Driver for Red Hat Enterprise Linux 7 Update 6, v2.0-873.113-1 (D)				✓		✓	✓				✓		✓		✓		✓
HPE QLogic FastLinQ Open-iSCSI Driver for Red Hat Enterprise Linux 7 Update 7, v2.0-873.113-1				✓		✓	✓				✓		✓		✓		✓
HPE QLogic FastLinQ Open-iSCSI Driver for Red Hat Enterprise Linux 8 Update 0, v2.0-873.113-1				✓		✓	✓				✓		✓		✓		✓
HPE QLogic FastLinQ Open-iSCSI Driver for SUSE Linux Enterprise Server 12 SP3, v2.0-873.113-1 (D)				✓			✓				✓		✓		✓		✓
HPE QLogic FastLinQ Open-iSCSI Driver for SUSE Linux Enterprise Server 12 SP4, v2.0-873.113-1 (D)				✓			✓				✓		✓		✓		✓
HPE QLogic FastLinQ Open-iSCSI Driver for SUSE Linux Enterprise Server 15 SP0, v2.0-873.113-1 (D)				✓			✓				✓		✓		✓		✓
HPE QLogic FastLinQ Open-iSCSI Driver for SUSE Linux Enterprise Server 15 SP1, v2.0-873.113-1				✓			✓				✓		✓		✓		✓
HPE QLogic iSCSI Offload IO Daemon for Red Hat Enterprise Linux 7 Update 6, v2.11.5.13-3 (B)				✓		✓					✓		✓		✓		✓
HPE QLogic iSCSI Offload IO Daemon for Red Hat Enterprise Linux 7 Update 7, v2.11.5.13-3				✓		✓	✓				✓		✓		✓		✓
HPE QLogic iSCSI Offload IO Daemon for Red Hat Enterprise Linux 8 Update 0, v2.11.5.13-3				✓		✓	✓				✓		✓		✓		✓
HPE QLogic iSCSI Offload IO Daemon for SUSE Linux Enterprise Server 12 SP3 x86_64, v2.11.5.13-3 (B)				✓			✓				✓		✓		✓		✓
HPE QLogic iSCSI Offload IO Daemon for SUSE Linux Enterprise Server 12 SP4, v2.11.5.13-3 (B)				✓			✓				✓		✓		✓		✓
HPE QLogic iSCSI Offload IO Daemon for SUSE Linux Enterprise Server 15 SP0, v2.11.5.13-3 (B)				✓			✓				✓		✓		✓		✓
HPE QLogic iSCSI Offload IO Daemon for SUSE Linux Enterprise Server 15 SP1, v2.11.5.13-3				✓			✓				✓		✓		✓		✓
HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.5, v2019.12.20				✓	✓		✓				✓		✓	✓	✓	✓	✓
HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.7, v2019.12.20				✓		✓	✓				✓		✓		✓		✓
HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64, v7.14.63-1	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8, v7.14.63-1	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic NX2 10/20 GbE Multifunction Drivers for SUSE Linux Enterprise Server 12 x86_64, v7.14.63-1	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic NX2 10/20 GbE Multifunction Drivers for SUSE Linux Enterprise Server 15, v7.14.63-1	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions, v7.13.171.0				✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
nmlx4_en Driver Component for VMware 6.5, v2019.06.14				✓			✓			✓	✓		✓	✓	✓	✓	✓
VMware ESXi 6.5 and 6.7 MST Drivers Offline Bundle for Mellanox Adapters, v4.12.0.105				✓	✓		✓			✓	✓		✓	✓	✓	✓	✓

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant XL Servers

	HP ProLiant XL750f Gen9 Server	HP ProLiant XL740f Gen9 Server	HPE ProLiant XL730f Gen9 Server	HPE ProLiant XL450 Gen10 Server	HPE ProLiant XL450 Gen9 Server	HPE ProLiant XL420 Gen10 Server	HPE ProLiant XL270d Gen10 Server	HPE ProLiant XL270d Gen9 Server	HPE ProLiant XL2x260w Server	HPE ProLiant XL260a Gen9 Server	HPE ProLiant XL250a Gen9 Server	HPE ProLiant XL230k Gen10 Server	HPE ProLiant XL230a Gen9 Server	HPE ProLiant XL190r Gen10 Server	HPE ProLiant XL190r Gen9 Server	HPE ProLiant XL170r Gen10 Server	HPE ProLiant XL170r Gen9 Server
Mellanox net-mst Kernel Driver Component for VMware ESXi 6.5 and 6.7, v2019.01.02				✓	✓						✓	✓	✓	✓	✓	✓	✓
nmlx5_en Driver Component for VMware 6.5, v2019.06.19				✓	✓		✓				✓	✓	✓	✓	✓	✓	✓
nmlx5_en Driver Component for VMware 6.7, v2019.06.19				✓	✓			✓			✓	✓	✓	✓	✓	✓	✓
<b>Driver - Storage</b>																	
Dynamic Smart Array B140i Controller Driver for 64-bit Microsoft Windows Server 2012/2012 R2/2016/2019 Editions, v62.12.0.64 (B)	✓	✓	✓	✓			✓			✓	✓		✓		✓		✓
HPE Smart Array S100i SR Gen10 SW RAID Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019, v106.12.4.0				✓			✓				✓		✓		✓		✓
<b>Driver - Storage Controller</b>																	
HPE Dynamic Smart Array B140i Controller Driver for VMware vSphere 6.5 (Driver Component), v2019.05.01				✓													✓
HPE Dynamic Smart Array B140i Controller Driver for VMware vSphere 6.7 (Driver Component), v2019.05.01				✓													✓
HPE Dynamic Smart Array B140i SATA RAID Controller Driver for Red Hat Enterprise Linux 7 (64-bit), v1.2.10-167	✓	✓	✓	✓			✓			✓	✓		✓		✓		✓
HPE Dynamic Smart Array B140i SATA RAID Controller Driver for Red Hat Enterprise Linux 8 (64-bit), v1.2.10-162	✓	✓	✓	✓			✓			✓	✓		✓		✓		✓
HPE Dynamic Smart Array B140i SATA RAID Controller Driver for SUSE LINUX Enterprise Server 12 (64-bit), v1.2.10-162	✓	✓	✓	✓			✓			✓	✓		✓		✓		✓
HPE Dynamic Smart Array B140i SATA RAID Controller Driver for SUSE LINUX Enterprise Server 15 (64-bit), v1.2.10-162	✓	✓	✓	✓			✓			✓	✓		✓		✓		✓
HPE Dynamic Smart Array Controller Driver for VMware vSphere 6.5 (Bundle file), v5.5.0.68-1				✓													✓
HPE Dynamic Smart Array Controller Driver for VMware vSphere 6.7 (Bundle file), v5.5.0.68-1				✓													✓
HPE ProLiant Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit), v3.4.20-181	✓	✓	✓	✓			✓			✓							
HPE ProLiant Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit), v3.4.20-170	✓	✓	✓	✓			✓			✓							
HPE ProLiant Smart Array Controller (64-bit) Driver for SUSE LINUX Enterprise Server 12 (64-bit), v3.4.20-170	✓	✓	✓	✓			✓			✓							
HPE ProLiant Smart Array Controller (64-bit) Driver for SUSE LINUX Enterprise Server 15 (64-bit), v3.4.20-170	✓	✓	✓	✓			✓			✓							
HPE ProLiant Smart Array HPCI553 Controller Driver for 64-bit Microsoft Windows Server 2012/2012 R2/2016/2019 Editions, v106.26.0.64	✓	✓	✓	✓			✓			✓	✓		✓				
HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit), v1.2.10-025				✓		✓						✓		✓		✓	
HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit), v1.2.10-025				✓		✓						✓		✓		✓	
HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for SUSE LINUX Enterprise Server 12 (64-bit), v1.2.10-025				✓		✓						✓		✓		✓	
HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for SUSE LINUX Enterprise Server 15 (64-bit), v1.2.10-025				✓		✓						✓		✓		✓	
HPE ProLiant Gen10 Smart Array Controller Driver for VMware ESXi 6.5 (Bundle file), v1.0.4.3008				✓								✓		✓		✓	
HPE ProLiant Gen10 Smart Array Controller Driver for VMware ESXi 6.7 (Bundle file), v1.0.4.3008				✓								✓		✓		✓	
HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component), v2019.12.01				✓		✓						✓		✓		✓	
HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component), v2019.12.01				✓		✓						✓		✓		✓	
HPE ProLiant Smart Array Controller Driver for VMware vSphere 6.5 (Bundle file), v2.0.44-1						✓											✓
HPE ProLiant Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component), v2019.09.01						✓											✓
HPE ProLiant Smart Array Controller Driver for VMware vSphere 6.7 (Bundle file), v2.0.44-1						✓											✓
HPE ProLiant Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component), v2019.09.01						✓											✓
HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019, v106.166.0.1022				✓		✓						✓		✓		✓	
<b>Driver - System Management</b>																	
iLO 3/4 Channel Interface Driver for Windows Server 2008 to Server 2012 R2, v3.30.0.0				✓			✓			✓		✓		✓		✓	✓
iLO 4 Channel Interface Driver for Windows Server 2012 and Server 2012 R2, v4.0.0.0				✓			✓			✓		✓		✓		✓	✓
iLO 4 Channel Interface Driver for Windows Server 2012 and Server 2012 R2, v4.1.0.0				✓			✓			✓		✓		✓		✓	✓
iLO 4 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.0.0.0				✓			✓			✓		✓		✓		✓	✓
iLO 4 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.1.0.0				✓			✓			✓		✓		✓		✓	✓
iLO 4 Management Controller Driver Package for Windows Server 2012 and Server 2012 R2, v4.0.0.0				✓			✓			✓		✓		✓		✓	✓
iLO 4 Management Controller Driver Package for Windows Server 2016 and Server 2019, v4.0.0.0 (B)				✓			✓			✓		✓		✓		✓	✓

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant XL Servers

	HP ProLiant XL750f Gen9 Server	HP ProLiant XL740f Gen9 Server	HPE ProLiant XL730f Gen9 Server	HPE ProLiant XL450 Gen10 Server	HPE ProLiant XL450 Gen9 Server	HPE ProLiant XL420 Gen10 Server	HPE ProLiant XL270d Gen10 Server	HPE ProLiant XL270d Gen9 Server	HPE ProLiant XL2x260w Server	HPE ProLiant XL260a Gen9 Server	HPE ProLiant XL250a Gen9 Server	HPE ProLiant XL230k Gen10 Server	HPE ProLiant XL230a Gen9 Server	HPE ProLiant XL190r Gen10 Server	HPE ProLiant XL190r Gen9 Server	HPE ProLiant XL170r Gen10 Server	HPE ProLiant XL170r Gen9 Server
iLO 5 Channel Interface Driver for Windows Server 2012 R2, v4.3.0.0				✓									✓				
iLO 5 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.3.0.0 (B)				✓		✓	✓						✓			✓	✓
HPE ProLiant Gen9 Chipset Identifier for Windows Server 2012 R2 to Server 2019, v10.1.17969.8134					✓			✓			✓		✓		✓		✓
iLO 5 Automatic Server Recovery Driver for Windows Server 2012 R2, v4.6.0.0				✓									✓				✓
iLO 5 Automatic Server Recovery Driver for Windows Server 2016 and Server 2019, v4.6.0.0				✓		✓	✓						✓		✓		✓
iLO 5 Channel Interface Driver for Windows Server 2012 R2, v4.6.0.0				✓									✓				✓
iLO 5 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.6.0.0				✓		✓	✓						✓		✓		✓
iLO 5 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.6.0.0 (B)				✓		✓	✓						✓		✓		✓
<b>Driver - Video</b>																	
Matrox G200eH Video Controller Driver for Windows Server 2012 and Server 2012 R2, v9.15.1.224					✓			✓			✓		✓		✓		✓
Matrox G200eH Video Controller Driver for Windows Server 2016 and Server 2019, v9.15.1.224					✓			✓			✓		✓		✓		✓
Matrox G200eH3 Video Controller Driver for Windows Server 2012 R2, v9.15.1.224 (B)				✓									✓		✓		✓
Matrox G200eH3 Video Controller Driver for Windows Server 2016 and Server 2019, v9.15.1.224 (B)				✓		✓	✓						✓		✓		✓
<b>Firmware - Lights-Out Management</b>																	
Online ROM Flash Component for Linux - HPE Integrated Lights-Out 4, v2.72	✓	✓	✓		✓						✓		✓		✓		✓
Online ROM Flash Component for Linux - HPE Integrated Lights-Out 5, v1.40 (a)				✓		✓	✓						✓		✓		✓
Online ROM Flash Component for Linux - HPE Integrated Lights-Out 5, v2.10				✓		✓	✓						✓		✓		✓
Online ROM Flash Component for VMware ESXi - HPE Integrated Lights-Out 4, v2.72	✓	✓	✓		✓						✓		✓		✓		✓
Online ROM Flash Component for Windows x64 - HPE Integrated Lights-Out 4, v2.72	✓	✓	✓		✓						✓		✓		✓		✓
Online ROM Flash Component for Windows x64 - HPE Integrated Lights-Out 5, v1.40 (a)				✓		✓	✓						✓		✓		✓
Online ROM Flash Component for Windows x64 - HPE Integrated Lights-Out 5, v2.10				✓		✓	✓						✓		✓		✓
Online ROM Flash Firmware Package - HPE Integrated Lights-Out 5, v1.40 (a)				✓		✓	✓						✓		✓		✓
Online ROM Flash Firmware Package - HPE Integrated Lights-Out 5, v2.10				✓		✓	✓						✓		✓		✓
<b>Firmware - Network</b>																	
HPE Firmware Flash for Emulex Converged Network Adapters for Linux (x64), v2019.03.01				✓	✓								✓		✓	✓	✓
HPE Firmware Flash for Emulex Converged Network Adapters for VMware vSphere 6.5, v2019.03.01				✓	✓								✓		✓	✓	✓
HPE Firmware Flash for Emulex Converged Network Adapters for VMware vSphere 6.7, v2019.03.01				✓	✓								✓		✓	✓	✓
HPE Firmware Flash for Emulex Converged Network Adapters for Windows (x64), v2019.03.01				✓	✓								✓		✓	✓	✓
HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Linux x86_64, v1.7.6				✓		✓	✓						✓		✓		✓
HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for VMware, v5.9.5				✓		✓	✓						✓		✓		✓
HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0				✓		✓	✓						✓		✓		✓
HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64, v2.24.2	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware, v1.25.2				✓	✓								✓	✓	✓	✓	✓
HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0				✓	✓	✓	✓	✓					✓	✓	✓	✓	✓
HPE Intel Online Firmware Upgrade Utility for Linux x86_64, v1.19.11	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Intel Online Firmware Upgrade Utility for VMware, v3.12.12				✓	✓								✓	✓	✓	✓	✓
HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0				✓	✓	✓	✓	✓					✓	✓	✓	✓	✓
HPE QLogic FastLinQ Online Firmware Upgrade Utility for Linux x86_64, v1.8.12				✓		✓	✓						✓		✓		✓
HPE QLogic FastLinQ Online Firmware Upgrade Utility for VMware, v4.11.9				✓		✓	✓						✓		✓		✓
HPE QLogic FastLinQ Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0				✓		✓	✓						✓		✓		✓
HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64, v2.26.7	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓



## Service Pack for ProLiant, v2019.12.0 - HP ProLiant XL Servers

	HP ProLiant XL750f Gen9 Server	HP ProLiant XL740f Gen9 Server	HPE ProLiant XL730f Gen9 Server	HPE ProLiant XL450 Gen10 Server	HPE ProLiant XL450 Gen9 Server	HPE ProLiant XL420 Gen10 Server	HPE ProLiant XL270d Gen10 Server	HPE ProLiant XL270d Gen9 Server	HPE ProLiant XL2x260w Server	HPE ProLiant XL260a Gen9 Server	HPE ProLiant XL250a Gen9 Server	HPE ProLiant XL230k Gen10 Server	HPE ProLiant XL230a Gen9 Server	HPE ProLiant XL190r Gen10 Server	HPE ProLiant XL190r Gen9 Server	HPE ProLiant XL170r Gen10 Server	HPE ProLiant XL170r Gen9 Server
HPE QLogic NX2 Online Firmware Upgrade Utility for VMware, v1.26.4				✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0				✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
Online Firmware Upgrade Utility (ESXi 6.5) for HPE Ethernet 10Gb 2-port 548SFP+ Adapter, v1.0.1				✓				✓				✓		✓		✓	
Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox Ethernet only adapters, v1.0.6				✓		✓	✓					✓		✓		✓	
Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 6.5, v1.0.5				✓		✓	✓	✓				✓		✓		✓	
Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox VPI (Ethernet and Infiniband mode) devices on VMware ESXi 6.5, v1.0.4				✓		✓		✓						✓		✓	
Online Firmware Upgrade Utility (ESXi 6.7) for HPE Ethernet 10Gb 2-port 548SFP+ Adapter, v1.0.1				✓				✓				✓		✓		✓	
Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox Ethernet only adapters, v1.0.2				✓		✓	✓					✓		✓		✓	
Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 6.7, v1.0.1				✓		✓	✓	✓				✓		✓		✓	
Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox VPI (Ethernet and Infiniband mode) devices on VMware ESXi 6.7, v1.0.2				✓		✓		✓						✓		✓	
Online Firmware Upgrade Utility (Linux x86_64) for HPE Ethernet 10Gb 2-port 548SFP+ Adapter, v1.0.1				✓				✓				✓		✓		✓	
Online Firmware Upgrade Utility (Linux x86_64) for HPE Infiniband FDR 2P 545QSFP Adapter (HP Part # 702211-B21), HPE Infiniband FDR 2P 545FLR-QSFP Adapter (HP Part # 702212-B21) and HPE Infiniband FDR 2P 545M Adapter (HP Part #702213-B21), v1.0.7					✓					✓		✓		✓		✓	✓
Online Firmware Upgrade Utility (Linux x86_64) for HPE Intel OPA adapters, v1.9.2				✓	✓			✓		✓	✓	✓	✓	✓	✓	✓	✓
Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox Ethernet only adapters, v1.0.11				✓		✓	✓	✓				✓		✓		✓	
Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox IB only ConnectX4 and ConnectX5 devices on Linux x86_64 platform, v1.0.4				✓		✓	✓	✓				✓		✓		✓	
Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Linux x86_64 platform, v1.0.7						✓	✓	✓						✓		✓	
Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX6 devices on Linux x86_64 platform, v1.0.1				✓		✓	✓					✓		✓		✓	
Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and Infiniband mode) devices on Linux x86_64 platform, v1.0.9	✓		✓	✓		✓		✓				✓		✓		✓	
Online Firmware Upgrade Utility (Windows x64) for HPE Ethernet 10Gb 2-port 548SFP+ Adapter, v1.0.0.1				✓				✓				✓		✓		✓	
Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters, v1.0.0.11				✓		✓	✓	✓				✓		✓		✓	
Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox IB only ConnectX4 and ConnectX5 devices on Windows x86_64 platform, v1.0.0.4				✓		✓	✓	✓				✓		✓		✓	
Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Windows x86_64 platform, v1.0.0.6				✓		✓	✓	✓				✓		✓		✓	
Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) devices on Windows x86_64 platform, v1.0.0.9				✓		✓	✓	✓				✓		✓		✓	
<b>Firmware - Storage Controller</b>																	
Online ROM Flash Component for ESXi (x86) - HPE Smart Array P824i-p MR Gen10, v24.23.0-0042				✓													
Online ROM Flash Component for Linux (x64) - HPE Smart Array P824i-p MR Gen10, v24.23.0-0042 (A)				✓													
Online ROM Flash Component for Linux (x64) - HPE Apollo 2000 Gen10 Backplane Expander Firmware, v1.00 (B)														✓		✓	
Online ROM Flash Component for VMware ESXi - HPE Apollo 2000 Gen10 Backplane Expander Firmware, v1.00 (C)														✓		✓	
Online ROM Flash Component for VMware ESXi - HPE Apollo 45xx Gen10 Backplane Expander Firmware, v1.56 (D)				✓													
Online ROM Flash component for VMware ESXi - HPE Dual 8GB microSD USB, v1.3.2.215 (B)												✓		✓			✓
Online ROM Flash Component for VMware ESXi - Smart Array and Smart HBA H240ar, H240nr, H240, H241, H244br, P240nr, P244br, P246br, P440ar, P440, P441, P542D, P741m, P840, P840ar, and P841, v7.00	✓	✓	✓		✓			✓		✓	✓	✓		✓		✓	✓
Online ROM Flash Component for VMware ESXi - HPE Apollo 45xx Gen9 Backplane Expander Firmware, v2.50					✓												
Online ROM Flash Component for Windows (x64) - HPE Apollo 2000 Gen10 Backplane Expander Firmware, v1.00 (B)															✓		✓
Online ROM Flash Component for Windows (x64) - HPE Apollo 45xx Gen10 Backplane Expander Firmware, v1.56 (C)				✓													
Online ROM Flash Component for Windows (x64) - HPE Apollo 45xx Gen9 Backplane Expander Firmware, v2.50					✓												
Online ROM Flash Component for Windows (x64) - HPE Smart Array P824i-p MR Gen10, v24.23.0-0042 (A)				✓													



## Service Pack for ProLiant, v2019.12.0 - HP ProLiant XL Servers

	HP ProLiant XL750f Gen9 Server	HP ProLiant XL740f Gen9 Server	HPE ProLiant XL730f Gen9 Server	HPE ProLiant XL450 Gen10 Server	HPE ProLiant XL450 Gen9 Server	HPE ProLiant XL420 Gen10 Server	HPE ProLiant XL270d Gen10 Server	HPE ProLiant XL270d Gen9 Server	HPE ProLiant XL2x260w Server	HPE ProLiant XL260a Gen9 Server	HPE ProLiant XL250a Gen9 Server	HPE ProLiant XL230k Gen10 Server	HPE ProLiant XL230a Gen9 Server	HPE ProLiant XL190r Gen10 Server	HPE ProLiant XL190r Gen9 Server	HPE ProLiant XL170r Gen10 Server	HPE ProLiant XL170r Gen9 Server
Online ROM Flash Component for Windows (x64) - Smart Array and Smart HBA H240ar, H240nr, H240, H241, H244br, P240nr, P244br, P246br, P440ar, P440, P441, P542D, P741m, P840, P840ar, and P841, v7.00	✓	✓	✓	✓				✓		✓	✓		✓		✓	✓	✓
Supplemental Update / Online ROM Flash Component for Linux (x64) - HPE Apollo 45xx Gen10 Backplane Expander Firmware, v1.56 (C)				✓													
Supplemental Update / Online ROM Flash Component for Linux (x64) - Smart Array and Smart HBA H240ar, H240nr, H240, H241, H244br, P240nr, P244br, P246br, P440ar, P440, P441, P542D, P741m, P840, P840ar, and P841, v7.00	✓	✓	✓	✓				✓		✓	✓		✓		✓	✓	✓
Supplemental Update / Online ROM Flash Component for Linux (x64) - HPE Apollo 45xx Gen9 Backplane Expander Firmware, v2.50				✓													
HPE D6020 12Gb SAS Disk Enclosure ROM Flash Component for Linux (x64), v2.74 (D)				✓		✓	✓					✓		✓		✓	✓
HPE D6020 12Gb SAS Disk Enclosure ROM Flash Component for VMware (ESXi), v2.74 (D)				✓		✓	✓					✓		✓		✓	✓
HPE D6020 12Gb SAS Disk Enclosure ROM Flash Component for Windows (x64), v2.74 (D)				✓		✓	✓					✓		✓		✓	✓
HPE D8000 12Gb SAS Disk Enclosure ROM Flash Component for Linux (x64), v0105				✓		✓	✓					✓		✓		✓	✓
HPE D8000 12Gb SAS Disk Enclosure ROM Flash Component for VMware (ESXi), v0105				✓		✓	✓					✓		✓		✓	✓
HPE D8000 12Gb SAS Disk Enclosure ROM Flash Component for Windows (x64), v0105				✓		✓	✓					✓		✓		✓	✓
Online ROM Flash Component for Linux (x64) - HPE Apollo 2000 System - SAS Expander, v1.00 (C)																✓	✓
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 P416i-m SR Gen10, v2.62				✓		✓	✓					✓		✓		✓	✓
Online ROM Flash Component for VMware ESXi - HPE Apollo 2000 System - SAS Expander, v1.00 (C)																✓	✓
Online ROM Flash Component for Windows (x64) - HPE Apollo 2000 System - SAS Expander, v1.00 (E)																✓	✓
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 P416i-m SR Gen10, v2.62				✓		✓	✓					✓		✓		✓	✓
Supplemental Update / Online ROM Flash Component for Linux (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 P416i-m SR Gen10, v2.62				✓		✓	✓					✓		✓		✓	✓
<b>Firmware - Storage Fibre Channel</b>																	
HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64), v2019.12.01				✓	✓							✓		✓	✓	✓	✓
HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.5, v2019.12.01				✓	✓							✓		✓	✓	✓	✓
HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.7, v2019.12.01				✓	✓							✓		✓	✓	✓	✓
HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Windows 2012 R2/2016/2019 x64, v2019.12.01				✓	✓							✓		✓	✓	✓	✓
HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64), v2019.12.01				✓	✓							✓		✓	✓	✓	✓
HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.5, v2019.12.01				✓	✓							✓		✓	✓	✓	✓
HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.7, v2019.12.01				✓	✓							✓		✓	✓	✓	✓
HPE Firmware Online Flash for QLogic Fibre Channel Host Bus Adapters - Windows 2012R2/2016/2019 (x86_64), v2019.12.01				✓	✓							✓		✓	✓	✓	✓
<b>Software - Lights-Out Management</b>																	
HP Lights-Out Online Configuration Utility for Linux (AMD64/EM64T), v5.5.0-0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HP Lights-Out Online Configuration Utility for Windows x64 Editions, v5.3.0.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Software - Storage Controller</b>																	
HPE MegaRAID Storage Administrator StorCLI for VMware6.5, v2019.09.00				✓											✓		
HPE MegaRAID Storage Administrator StorCLI for VMware6.7, v2019.09.00				✓											✓		
HPE ProLiant Smart Array SAS/SATA Event Notification Service for 64-bit Windows Server Editions, v6.46.0.64 (E)								✓			✓		✓				
HPE Smart Array SR Event Notification Service for Windows Server 64-bit Editions, v1.2.1.64				✓								✓		✓		✓	
<b>Software - Storage Fibre Channel HBA</b>																	
HPE Emulex(BRCM) Fibre Channel Over Ethernet Enablement Kit for Red Hat Enterprise Linux 7 Server, v12.0.1210.0				✓	✓							✓		✓	✓	✓	✓
HPE Emulex(BRCM) Fibre Channel Over Ethernet Enablement Kit for SUSE Linux Enterprise Server 12, v12.0.1210.0				✓	✓							✓		✓	✓	✓	✓

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant XL Servers

	HP ProLiant XL750f Gen9 Server	HP ProLiant XL740f Gen9 Server	HPE ProLiant XL730f Gen9 Server	HPE ProLiant XL450 Gen10 Server	HPE ProLiant XL450 Gen9 Server	HPE ProLiant XL420 Gen10 Server	HPE ProLiant XL270d Gen10 Server	HPE ProLiant XL270d Gen9 Server	HPE ProLiant XL2x260w Server	HPE ProLiant XL260a Gen9 Server	HPE ProLiant XL250a Gen9 Server	HPE ProLiant XL230k Gen10 Server	HPE ProLiant XL230a Gen9 Server	HPE ProLiant XL190r Gen10 Server	HPE ProLiant XL190r Gen9 Server	HPE ProLiant XL170r Gen10 Server	HPE ProLiant XL170r Gen9 Server
HPE Emulex(BRCM) Fibre Channel Over Ethernet Enablement Kit for SUSE Linux Enterprise Server 15, v12.0.1210.0				✓	✓							✓		✓	✓	✓	✓
Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL), v4.1-1 (b)				✓	✓							✓		✓	✓	✓	✓
Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -SuSE Linux Enterprise Server(SLES), v4.1-1 (b)				✓	✓							✓		✓	✓	✓	✓
HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 7 Server, v12.4.256.0				✓	✓							✓		✓	✓	✓	✓
HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 8 Server, v12.4.256.0				✓	✓							✓		✓	✓	✓	✓
HPE Emulex Fibre Channel Enablement Kit for SUSE Linux Enterprise Server 12, v12.4.256.0				✓	✓							✓		✓	✓	✓	✓
HPE Emulex Fibre Channel Enablement Kit for SUSE Linux Enterprise Server 15, v12.4.256.0				✓	✓							✓		✓	✓	✓	✓
HPE Emulex Smart SAN Enablement Kit for Linux, v1.0.0.0-4 (e)				✓	✓							✓		✓	✓	✓	✓
HPE Emulex Smart SAN Enablement Kit for Windows 64 bit operating systems, v1.0.0.1 (i)				✓	✓							✓		✓	✓	✓	✓
HPE QLogic Fibre Channel Enablement Kit for Linux, v6.0.0.0-11 (b)				✓	✓							✓		✓	✓	✓	✓
HPE QLogic Smart SAN enablement kit for Linux, v3.3-3 (h)				✓	✓							✓		✓	✓	✓	✓
HPE QLogic Smart SAN Enablement Kit for Windows 64 bit operating systems, v1.0.0.1 (i)				✓	✓							✓		✓	✓	✓	✓
<b>Software - System Management</b>																	
HPE Insight Management Agents for Windows Server x64 Editions, v11.0.0.0		✓	✓	✓	✓			✓		✓		✓		✓		✓	✓
HPE Insight Management WBEM Providers for Windows Server x64 Editions, v10.75.0.0	✓	✓	✓	✓	✓			✓		✓		✓		✓		✓	✓
HPE MegaRAID Storage Administrator (HPE MRSA) for Linux 64-bit, v3.113.0.0				✓											✓		
HPE MegaRAID Storage Administrator (HPE MRSA) for Windows 64-bit, v3.113.0.0				✓											✓		
HPE MegaRAID Storage Administrator StorCLI for Linux 64-bit, v1.25.12				✓											✓		
HPE MegaRAID Storage Administrator StorCLI for VMware, v1.25.12				✓											✓		
HPE MegaRAID Storage Administrator StorCLI for Windows 64-bit, v1.25.12.0				✓											✓		✓
HPE ProLiant Agentless Management Service for Red Hat Enterprise Linux 7 Server, v2.9.1	✓	✓	✓		✓					✓		✓		✓		✓	✓
HPE ProLiant Agentless Management Service for SUSE LINUX Enterprise Server 12, v2.9.1	✓	✓	✓		✓					✓		✓		✓		✓	✓
HPE System Health Application and Command Line Utilities for Red Hat Enterprise Linux 7 Server, v10.9.0	✓		✓		✓					✓		✓		✓		✓	✓
HPE System Health Application and Command Line Utilities for SUSE LINUX Enterprise Server 12, v10.9.0	✓		✓		✓					✓		✓		✓		✓	✓
HPE System Management Homepage for Linux (AMD64/EM64T), v7.6.5-3	✓	✓	✓		✓			✓		✓		✓		✓		✓	✓
HPE System Management Homepage for Windows x64, v7.6.3.3	✓	✓	✓		✓					✓		✓		✓		✓	✓
HPE System Management Homepage Templates for Linux, v10.8.1	✓		✓		✓			✓		✓		✓		✓		✓	✓
NVMe Drive Eject NMI Fix for Intel Xeon Processor Scalable Family for Windows, v1.1.0.0 (C)				✓		✓	✓					✓		✓		✓	✓
Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 7 Server, v2.1.0				✓						✓		✓		✓		✓	✓
Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 8 Server, v2.1.0				✓						✓		✓		✓		✓	✓
Agentless Management Service (iLO 5) for SUSE Linux Enterprise Server 12, v2.1.0				✓						✓		✓		✓		✓	✓
Agentless Management Service (iLO 5) for SUSE Linux Enterprise Server 15, v2.1.0				✓						✓		✓		✓		✓	✓
Agentless Management Service for Windows X64, v2.10.0.0				✓		✓	✓			✓		✓		✓		✓	✓
HPE Offline Bundle for ESXi 6.5, v3.5.0				✓	✓					✓		✓		✓		✓	✓
HPE Offline Bundle for ESXi 6.7, v3.5.0				✓						✓		✓		✓		✓	✓
HPE ProLiant Agentless Management Service for HPE Apollo, ProLiant and Synergy Gen9 servers, v10.97.0.0	✓	✓	✓		✓			✓		✓		✓		✓		✓	✓
HPE Smart Storage Administrator (HPE SSA) CLI for Linux 64-bit, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Smart Storage Administrator (HPE SSA) CLI for VMware 6.5, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Smart Storage Administrator (HPE SSA) CLI for VMware 6.7, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Smart Storage Administrator (HPE SSA) CLI for Windows 64-bit, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HPE Smart Storage Administrator (HPE SSA) for Linux 64-bit, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant XL Servers

	HP ProLiant XL750f Gen9 Server	HP ProLiant XL740f Gen9 Server	HPE ProLiant XL730f Gen9 Server	HPE ProLiant XL450 Gen10 Server	HPE ProLiant XL450 Gen9 Server	HPE ProLiant XL420 Gen10 Server	HPE ProLiant XL270d Gen10 Server	HPE ProLiant XL270d Gen9 Server	HPE ProLiant XL2x260w Server	HPE ProLiant XL260a Gen9 Server	HPE ProLiant XL250a Gen9 Server	HPE ProLiant XL230k Gen10 Server	HPE ProLiant XL230a Gen9 Server	HPE ProLiant XL190r Gen10 Server	HPE ProLiant XL190r Gen9 Server	HPE ProLiant XL170r Gen10 Server	HPE ProLiant XL170r Gen9 Server
HPE Smart Storage Administrator (HPE SSA) for Windows 64-bit, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Smart Storage Administrator Diagnostic Utility (HPE SSADU) CLI for Linux 64-bit, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE Smart Storage Administrator Diagnostic Utility (HPE SSADU) CLI for Windows 64-bit, v4.15.6.0	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
HPE SNMP Agents for Red Hat Enterprise Linux 7 Server, v10.9.0	✓		✓							✓			✓				
HPE SNMP Agents for SUSE LINUX Enterprise Server 12, v10.9.0			✓		✓					✓			✓				
HPE Utilities Offline Bundle for ESXi 6.5, v3.5.0				✓						✓	✓	✓	✓	✓	✓	✓	✓
HPE Utilities Offline Bundle for ESXi 6.7, v3.5.0											✓			✓			
Integrated Smart Update Tools for VMware ESXi 6.5, v2.5.0.0				✓		✓	✓				✓			✓			
Integrated Smart Update Tools for VMware ESXi 6.7, v2.5.0.0				✓		✓	✓				✓			✓			
<b>Firmware - Power Management</b>																	
Online ROM Flash for Linux - Advanced Power Capping Microcontroller Firmware for HPE Gen10 Servers, v1.0.7							✓	✓									
Online ROM Flash for Windows x64 - Advanced Power Capping Microcontroller Firmware for HPE Gen10 Servers, v1.0.7							✓	✓									
<b>Software - Network</b>																	
Broadcom Active Health System Agent for HPE ProLiant Network Adapters for Linux x86_64, v1.0.21-1	✓	✓	✓		✓			✓		✓	✓		✓		✓		✓
Intel Active Health System Agent for HPE ProLiant Network Adapters for Linux x86_64, v1.1.83.0-1 (B)	✓	✓	✓		✓			✓		✓	✓		✓		✓		✓
<b>Software - Management</b>																	
HPE Management Bundle Smart Component for ESXi 6.5, v2019.12.01				✓	✓		✓			✓	✓	✓	✓	✓	✓	✓	✓
HPE Management Bundle Smart Component for ESXi 6.7, v2019.12.01				✓			✓				✓		✓		✓		✓
<b>Software - Storage Fibre Channel</b>																	
Emulex Fibre Channel driver component for VMware vSphere 6.5, v2019.12.01				✓	✓						✓		✓	✓	✓	✓	✓
Emulex Fibre Channel driver component for VMware vSphere 6.7, v2019.12.01				✓	✓						✓		✓	✓	✓	✓	✓
Emulex(BRCM) Fibre Channel over Ethernet driver for VMware vSphere 6.5, v2019.03.01				✓	✓						✓		✓	✓	✓	✓	✓
Emulex(BRCM) Fibre Channel over Ethernet driver for VMware vSphere 6.7, v2019.03.01				✓	✓						✓		✓	✓	✓	✓	✓
QLogic Fibre Channel driver component for VMware vSphere 6.5, v2019.12.01				✓	✓						✓		✓	✓	✓	✓	✓
QLogic Fibre Channel driver component for VMware vSphere 6.7, v2019.12.01				✓	✓						✓		✓	✓	✓	✓	✓
<b>Driver - Storage Fibre Channel and Fibre Channel Over Ethernet</b>																	
HPE Storage Fibre Channel Over Ethernet Adapter Kit for the x64 Emulex Storport Driver for Windows 2012, Windows 2012R2 and Windows 2016, v12.0.1192.0				✓	✓						✓		✓	✓	✓	✓	✓
HPE Storage Fibre Channel Over Ethernet Adapter Kit for the x64 Emulex Storport Driver for Windows 2019, v12.0.1192.0 (b)				✓	✓						✓		✓	✓	✓	✓	✓
Red Hat Enterprise Linux 7 Server FCoE Driver Kit for HPE Emulex(BRCM) Converged Network Adapters(CNAs) and mezzanine Converged Network Adapters(CNAs), v12.0.1216.0				✓	✓						✓		✓	✓	✓	✓	✓
SUSE Linux Enterprise Server 12 FCoE Driver Kit for HPE Emulex(BRCM) Converged Network Adapters(CNAs) and mezzanine Converged Network Adapters(CNAs), v12.0.1216.0				✓	✓						✓		✓	✓	✓	✓	✓
SUSE Linux Enterprise Server 15 FCoE Driver Kit for HPE Emulex(BRCM) Converged Network Adapters(CNAs) and mezzanine Converged Network Adapters(CNAs), v12.0.1216.0				✓	✓						✓		✓	✓	✓	✓	✓
HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2012R2 and Windows 2016, v12.4.243.4				✓	✓						✓		✓	✓	✓	✓	✓
HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2019, v12.4.243.4				✓	✓						✓		✓	✓	✓	✓	✓
HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2012 R2, v9.3.3.20 (b)				✓	✓						✓		✓	✓	✓	✓	✓
HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2016, v9.3.3.20 (b)				✓	✓						✓		✓	✓	✓	✓	✓
HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2019, v9.3.3.20 (b)				✓	✓						✓		✓	✓	✓	✓	✓
Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.07.6-k1 (b)				✓	✓						✓		✓	✓	✓	✓	✓
Red Hat Enterprise Linux 7 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3				✓	✓						✓		✓	✓	✓	✓	✓

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant XL Servers

	HP ProLiant XL750f Gen9 Server	HP ProLiant XL740f Gen9 Server	HPE ProLiant XL730f Gen9 Server	HPE ProLiant XL450 Gen10 Server	HPE ProLiant XL450 Gen9 Server	HPE ProLiant XL420 Gen10 Server	HPE ProLiant XL270d Gen10 Server	HPE ProLiant XL270d Gen9 Server	HPE ProLiant XL2x260w Server	HPE ProLiant XL260a Gen9 Server	HPE ProLiant XL250a Gen9 Server	HPE ProLiant XL230k Gen10 Server	HPE ProLiant XL230a Gen9 Server	HPE ProLiant XL190r Gen10 Server	HPE ProLiant XL190r Gen9 Server	HPE ProLiant XL170r Gen10 Server	HPE ProLiant XL170r Gen9 Server
Red Hat Enterprise Linux 7 Update 6 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3				✓	✓							✓		✓	✓	✓	✓
Red Hat Enterprise Linux 7 Update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.07.6-k1				✓	✓							✓		✓	✓	✓	✓
Red Hat Enterprise Linux 8 Server FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.08.0-k1 (b)				✓	✓							✓		✓	✓	✓	✓
Red Hat Enterprise Linux 8 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3				✓	✓							✓		✓	✓	✓	✓
SUSE Linux Enterprise Server 12 FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.12.4-k1 (b)				✓	✓							✓		✓	✓	✓	✓
SUSE Linux Enterprise Server 12 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3				✓	✓							✓		✓	✓	✓	✓
SUSE Linux Enterprise Server 12 Service Pack 3 FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v8.08.00.08.12.3-k12				✓	✓							✓		✓	✓	✓	✓
SUSE Linux Enterprise Server 12 Service Pack 3 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3				✓	✓							✓		✓	✓	✓	✓
SUSE Linux Enterprise Server 15 FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.15.1-k1 (b)				✓	✓							✓		✓	✓	✓	✓
SUSE Linux Enterprise Server 15 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3				✓	✓							✓		✓	✓	✓	✓
SUSE Linux Enterprise Server 15 Service Pack 0 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3				✓	✓							✓		✓	✓	✓	✓
SUSE Linux Enterprise Server 15 Service Pack 0 Fibre Channel Driver Kit Host Bus Adapters for HPE QLogic and mezzanine Host Bus Adapters, v10.01.00.52.15.0-k1				✓	✓							✓		✓	✓	✓	✓
<b>Firmware - System</b>																	
Firmware Package - Gen10 NVMe Backplane PIC Firmware, v1.20				✓			✓					✓		✓		✓	
Online Flash Component for Linux - Gen10 NVMe Backplane PIC Firmware, v1.20 (E)				✓			✓					✓		✓		✓	
Online Flash Component for Windows x64 - Gen10 NVMe Backplane PIC Firmware, v1.20 (D)				✓			✓					✓		✓		✓	
Online ROM Flash for Linux - HPE Gen10 Innovation Engine Firmware for HPE Gen10 Servers, v0.2.1.2 (B)				✓		✓	✓					✓		✓		✓	
Online ROM Flash for Windows x64 - HPE Gen10 Innovation Engine Firmware for HPE Gen10 Servers, v0.2.1.2				✓		✓	✓					✓		✓		✓	
ROM Flash Firmware Package - HPE Gen10 Innovation Engine Firmware for HPE Gen10 Servers, v0.2.1.2				✓		✓	✓					✓		✓		✓	
Online ROM Flash Component for Windows x64 - Server Platform Services (SPS) Firmware for HPE Gen10 Servers, v04.01.04.339				✓		✓	✓					✓		✓		✓	
Online ROM Flash for Linux - Server Platform Services (SPS) Firmware for HPE Gen10 Servers, v04.01.04.339				✓		✓	✓					✓		✓		✓	
ROM Flash Firmware Package - Server Platform Services (SPS) Firmware for HPE Gen10 Servers, v04.01.04.339				✓		✓	✓					✓		✓		✓	
<b>Firmware (Entitlement Required) - Storage Controller</b>																	
HPE D3600/D3700/D3610/D3710 12Gb SAS Disk Enclosure ROM Flash Component for Linux (x64), v4.12				✓		✓	✓					✓		✓		✓	
HPE D3600/D3700/D3610/D3710 12Gb SAS Disk Enclosure ROM Flash Component for VMware (ESXi), v4.12				✓		✓	✓					✓		✓		✓	
HPE D3600/D3700/D3610/D3710 12Gb SAS Disk Enclosure ROM Flash Component for Windows (x64), v4.12				✓		✓	✓					✓		✓		✓	

## Service Pack for ProLiant, v2019.12.0 - Apollo Servers

HPE Apollo 4200 Gen9 Server

### BIOS - System ROM

Online ROM Flash Component for Linux - HPE Apollo 4200 Gen9/HPE ProLiant XL420 Gen9 (U19) Servers, v2.76_10-21-2019	✓
Online ROM Flash Component for VMware - HPE Apollo 4200 Gen9/HPE ProLiant XL420 Gen9 (U19) Servers, v2.76_10-21-2019	✓
Online ROM Flash Component for Windows x64 - HPE Apollo 4200 Gen9/HPE ProLiant XL420 Gen9 (U19) Servers, v2.76_10-21-2019	✓

### Driver - Network

HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions, v214.0.0.0 (C)	✓
HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64, v3.137y-1 (B)	✓
HPE Broadcom tg3 Ethernet Drivers for SUSE Linux Enterprise Server 12 x86_64, v3.137y-2 (B)	✓
HPE Broadcom tg3 Ethernet Drivers for SUSE Linux Enterprise Server 15, v3.137y-2 (B)	✓
HPE Emulex 10/20 GbE Driver for Windows Server 2012 R2, v12.0.1195.0 (B)	✓
HPE Emulex 10/20 GbE Driver for Windows Server 2016, v12.0.1195.0 (B)	✓
HPE Emulex 10/20 GbE iSCSI Driver for Windows Server 2012 R2, v12.0.1171.0 (B)	✓
HPE Emulex 10/20 GbE iSCSI Driver for Windows Server 2016, v12.0.1171.0 (B)	✓
HPE Emulex 10/20GbE Drivers for Red Hat Enterprise Linux 7 x86_64, v12.0.1216.1-1 (B)	✓
HPE Emulex 10/20GbE Drivers for SUSE Linux Enterprise Server 12 x86_64, v12.0.1216.1-1 (B)	✓
HPE Emulex 10/20GbE Drivers for SUSE Linux Enterprise Server 15, v12.0.1216.1-1 (B)	✓
HPE Emulex 10/20GbE iSCSI Driver for VMware vSphere 6.5, v2019.12.20	✓
HPE Emulex 10/20GbE iSCSI Drivers for Red Hat Enterprise Linux 7 x86_64, v12.0.1216.1-1 (B)	✓
HPE Emulex 10/20GbE iSCSI Drivers for SUSE Linux Enterprise Server 12 x86_64, v12.0.1216.1-1 (B)	✓
HPE Emulex 10/20GbE iSCSI Drivers for SUSE Linux Enterprise Server 15, v12.0.1216.1-1 (B)	✓
HPE Intel E1R Driver for Windows Server 2012 R2, v12.14.8.1	✓
HPE Intel E1R Driver for Windows Server 2016, v12.15.184.7	✓
HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64, v2.10.19.30-2	✓
HPE Intel i40e Drivers for Red Hat Enterprise Linux 8, v2.10.19.30-2	✓
HPE Intel i40e Drivers for SUSE Linux Enterprise Server 12 x86_64, v2.10.19.30-2	✓
HPE Intel i40e Drivers for SUSE Linux Enterprise Server 15, v2.10.19.30-2	✓
HPE Intel i40ea Driver for Windows Server 2012 R2, v1.11.101.0	✓
HPE Intel i40ea Driver for Windows Server 2016, v1.11.101.0	✓
HPE Intel iavf Driver for Windows Server 2012 R2, v1.7.119.0	✓

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HPE Apollo 4200 Gen9 Server

HPE Intel iavf Driver for Windows Server 2016, v1.7.119.0	✓
HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64, v3.7.61.20-1	✓
HPE Intel iavf Drivers for Red Hat Enterprise Linux 8, v3.7.61.20-1	✓
HPE Intel iavf Drivers for SUSE Linux Enterprise Server 12 x86_64, v3.7.61.20-1	✓
HPE Intel iavf Drivers for SUSE Linux Enterprise Server 15, v3.7.61.20-1	✓
HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64, v6.2.1-1	✓
HPE Intel igb Drivers for Red Hat Enterprise Linux 8, v6.2.1-1	✓
HPE Intel igb Drivers for SUSE Linux Enterprise Server 12 x86_64, v6.2.1-1	✓
HPE Intel igb Drivers for SUSE Linux Enterprise Server 15, v6.2.1-1	✓
HPE Intel igbn Driver for VMware vSphere 6.5, v2019.12.20	✓
HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 7 x86_64, v5.6.4-2	✓
HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 8, v5.6.4-2	✓
HPE Intel ixgbe Drivers for SUSE Linux Enterprise Server 12 x86_64, v5.6.4-2	✓
HPE Intel ixgbe Drivers for SUSE Linux Enterprise Server 15, v5.6.4-2	✓
HPE Intel ixgbevf Drivers for Red Hat Enterprise Linux 7 x86_64, v4.6.2-2	✓
HPE Intel ixgbevf Drivers for Red Hat Enterprise Linux 8, v4.6.2-2	✓
HPE Intel ixgbevf Drivers for SUSE Linux Enterprise Server 12 x86_64, v4.6.2-2	✓
HPE Intel ixgbevf Drivers for SUSE Linux Enterprise Server 15, v4.6.2-2	✓
HPE Intel ixn Driver for Windows Server 2012 R2, v3.14.132.0 (B)	✓
HPE Intel ixn Driver for Windows Server 2016, v4.1.131.0 (B)	✓
HPE Intel vxn Driver for Windows Server 2012 R2, v1.0.16.1 (B)	✓
HPE Intel vxn Driver for Windows Server 2016, v2.0.210.0 (D)	✓
HPE Mellanox CX3 Driver for Windows Server 2012 R2, v5.35.12978.0 (B)	✓
HPE Mellanox CX3 Driver for Windows Server 2016, v5.35.12978.0 (D)	✓
HPE Mellanox CX4LX and CX5 Driver for Windows Server 2012 R2, v2.30.21713.0	✓
HPE Mellanox CX4LX and CX5 Driver for Windows Server 2016, v2.30.21713.0	✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 6 (x86_64), v4.7	✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 7 Update 7 (x86_64), v4.7	✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for Red Hat Enterprise Linux 8 (x86_64), v4.7	✓

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HPE Apollo 4200 Gen9 Server

HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for SUSE LINUX Enterprise Server 12 SP3 (AMD64/EM64T), v4.7	✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for SUSE LINUX Enterprise Server 12 SP4 (AMD64/EM64T), v4.7	✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for SUSE LINUX Enterprise Server 15 SP0 (AMD64/EM64T), v4.7	✓
HPE Mellanox RoCE (RDMA over Converged Ethernet) Driver for SUSE LINUX Enterprise Server 15 SP1 (AMD64/EM64T), v4.7	✓
HPE QLogic NX2 10/20 GbE Multifunction Driver for VMware vSphere 6.5, v2019.12.20	✓
HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64, v7.14.63-1	✓
HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8, v7.14.63-1	✓
HPE QLogic NX2 10/20 GbE Multifunction Drivers for SUSE Linux Enterprise Server 12 x86_64, v7.14.63-1	✓
HPE QLogic NX2 10/20 GbE Multifunction Drivers for SUSE Linux Enterprise Server 15, v7.14.63-1	✓
HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions, v7.13.171.0	✓
nmlx4_en Driver Component for VMware 6.5, v2019.06.14	✓
VMware ESXi 6.5 and 6.7 MST Drivers Offline Bundle for Mellanox Adapters, v4.12.0.105	✓
Mellanox net-mst Kernel Driver Component for VMware ESXi 6.5 and 6.7, v2019.01.02	✓
nmlx5_en Driver Component for VMware 6.5, v2019.06.19	✓
nmlx5_en Driver Component for VMware 6.7, v2019.06.19	✓
<b>Driver - Storage</b>	
Dynamic Smart Array B140i Controller Driver for 64-bit Microsoft Windows Server 2012/2012 R2/2016/2019 Editions, v62.12.0.64 (B)	✓
<b>Driver - Storage Controller</b>	
HPE Dynamic Smart Array B140i Controller Driver for VMware vSphere 6.5 (Driver Component), v2019.05.01	✓
HPE Dynamic Smart Array B140i Controller Driver for VMware vSphere 6.7 (Driver Component), v2019.05.01	✓
HPE Dynamic Smart Array B140i SATA RAID Controller Driver for Red Hat Enterprise Linux 7 (64-bit), v1.2.10-167	✓
HPE Dynamic Smart Array B140i SATA RAID Controller Driver for Red Hat Enterprise Linux 8 (64-bit), v1.2.10-162	✓
HPE Dynamic Smart Array B140i SATA RAID Controller Driver for SUSE LINUX Enterprise Server 12 (64-bit), v1.2.10-162	✓
HPE Dynamic Smart Array B140i SATA RAID Controller Driver for SUSE LINUX Enterprise Server 15 (64-bit), v1.2.10-162	✓
HPE Dynamic Smart Array Controller Driver for VMware vSphere 6.5 (Bundle file), v5.5.0.68-1	✓
HPE Dynamic Smart Array Controller Driver for VMware vSphere 6.7 (Bundle file), v5.5.0.68-1	✓
HPE ProLiant Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit), v3.4.20-181	✓
HPE ProLiant Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit), v3.4.20-170	✓
HPE ProLiant Smart Array Controller (64-bit) Driver for SUSE LINUX Enterprise Server 12 (64-bit), v3.4.20-170	✓

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HPE ProLiant Smart Array Controller (64-bit) Driver for SUSE LINUX Enterprise Server 15 (64-bit), v3.4.20-170	✓
HPE ProLiant Smart Array HPCISS3 Controller Driver for 64-bit Microsoft Windows Server 2012/2012 R2/2016/2019 Editions, v106.26.0.64	✓
<b>Driver - System Management</b>	
iLO 3/4 Channel Interface Driver for Windows Server 2008 to Server 2012 R2, v3.30.0.0	✓
iLO 4 Channel Interface Driver for Windows Server 2012 and Server 2012 R2, v4.0.0.0	✓
iLO 4 Channel Interface Driver for Windows Server 2012 and Server 2012 R2, v4.1.0.0	✓
iLO 4 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.0.0.0	✓
iLO 4 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.1.0.0	✓
iLO 4 Management Controller Driver Package for Windows Server 2012 and Server 2012 R2, v4.0.0.0	✓
iLO 4 Management Controller Driver Package for Windows Server 2016 and Server 2019, v4.0.0.0 (B)	✓
HPE ProLiant Gen9 Chipset Identifier for Windows Server 2012 R2 to Server 2019, v10.1.17969.8134	✓
<b>Driver - Video</b>	
Matrox G200eH Video Controller Driver for Windows Server 2012 and Server 2012 R2, v9.15.1.224	✓
Matrox G200eH Video Controller Driver for Windows Server 2016 and Server 2019, v9.15.1.224	✓
<b>Firmware - Lights-Out Management</b>	
Online ROM Flash Component for Linux - HPE Integrated Lights-Out 4, v2.72	✓
Online ROM Flash Component for VMware ESXi - HPE Integrated Lights-Out 4, v2.72	✓
Online ROM Flash Component for Windows x64 - HPE Integrated Lights-Out 4, v2.72	✓
<b>Firmware - Network</b>	
HPE Firmware Flash for Emulex Converged Network Adapters for Linux (x64), v2019.03.01	✓
HPE Firmware Flash for Emulex Converged Network Adapters for VMware vSphere 6.5, v2019.03.01	✓
HPE Firmware Flash for Emulex Converged Network Adapters for VMware vSphere 6.7, v2019.03.01	✓
HPE Firmware Flash for Emulex Converged Network Adapters for Windows (x64), v2019.03.01	✓
HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64, v2.24.2	✓
HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware, v1.25.2	✓
HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0	✓
HPE Intel Online Firmware Upgrade Utility for Linux x86_64, v1.19.11	✓
HPE Intel Online Firmware Upgrade Utility for VMware, v3.12.12	✓
HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0	✓



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HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64, v2.26.7	✓
HPE QLogic NX2 Online Firmware Upgrade Utility for VMware, v1.26.4	✓
HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0	✓
Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox Ethernet only adapters, v1.0.6	✓
Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 6.5, v1.0.5	✓
Online Firmware Upgrade Utility (ESXi 6.5) for HPE Mellanox VPI (Ethernet and Infiniband mode) devices on VMware ESXi 6.5, v1.0.4	✓
Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox Ethernet only adapters, v1.0.2	✓
Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on VMware ESXi 6.7, v1.0.1	✓
Online Firmware Upgrade Utility (ESXi 6.7) for HPE Mellanox VPI (Ethernet and Infiniband mode) devices on VMware ESXi 6.7, v1.0.2	✓
Online Firmware Upgrade Utility (Linux x86_64) for HPE Infiniband FDR 2P 545QSFP Adapter (HP Part # 702211-B21), HPE Infiniband FDR 2P 545FLR-QSFP Adapter (HP Part # 702212-B21) and HPE Infiniband FDR 2P 545M Adapter (HP Part #702213-B21), v1.0.7	✓
Online Firmware Upgrade Utility (Linux x86_64) for HPE Intel OPA adapters, v1.9.2	✓
Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox Ethernet only adapters, v1.0.11	✓
Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox IB only ConnectX4 and ConnectX5 devices on Linux x86_64 platform, v1.0.4	✓
Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Linux x86_64 platform, v1.0.7	✓
Online Firmware Upgrade Utility (Linux x86_64) for HPE Mellanox VPI (Ethernet and Infiniband mode) devices on Linux x86_64 platform, v1.0.9	✓
Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox Ethernet only adapters, v1.0.0.11	✓
Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox IB only ConnectX4 and ConnectX5 devices on Windows x86_64 platform, v1.0.0.4	✓
Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) ConnectX4 and ConnectX5 devices on Windows x86_64 platform, v1.0.0.6	✓
Online Firmware Upgrade Utility (Windows x64) for HPE Mellanox VPI (Ethernet and Infiniband mode) devices on Windows x86_64 platform, v1.0.0.9	✓
<b>Firmware - Storage Controller</b>	
Online ROM Flash Component for Linux (x64) – HPE Apollo 4200 Backplane Expander Firmware, v1.78 (A)	✓
Online ROM Flash Component for VMware ESXi – HPE Apollo 4200 Backplane Expander Firmware, v1.78 (A)	✓
Online ROM Flash Component for Windows (x64) - HPE Apollo 4200 Backplane Expander Firmware, v1.78 (A)	✓
HPE D6020 12Gb SAS Disk Enclosure ROM Flash Component for Linux (x64), v2.74 (D)	✓
HPE D6020 12Gb SAS Disk Enclosure ROM Flash Component for VMware (ESXi), v2.74 (D)	✓
HPE D6020 12Gb SAS Disk Enclosure ROM Flash Component for Windows (x64), v2.74 (D)	✓

## Service Pack for ProLiant, v2019.12.0 - Apollo Servers

HPE Apollo 4200 Gen9 Server

### Firmware - Storage Fibre Channel

HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Linux (x64), v2019.12.01	✓
HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.5, v2019.12.01	✓
HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for VMware vSphere 6.7, v2019.12.01	✓
HPE Firmware Flash for Emulex Fibre Channel Host Bus Adapters for Windows 2012 R2/2016/2019 x64, v2019.12.01	✓
HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters - Linux (x86_64), v2019.12.01	✓
HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.5, v2019.12.01	✓
HPE Firmware Flash for QLogic Fibre Channel Host Bus Adapters for VMware vSphere 6.7, v2019.12.01	✓
HPE Firmware Online Flash for QLogic Fibre Channel Host Bus Adapters - Windows 2012R2/2016/2019 (x86_64), v2019.12.01	✓

### Software - Lights-Out Management

HP Lights-Out Online Configuration Utility for Linux (AMD64/EM64T), v5.5.0-0	✓
HP Lights-Out Online Configuration Utility for Windows x64 Editions, v5.3.0.0	✓

### Software - Storage Controller

HPE ProLiant Smart Array SAS/SATA Event Notification Service for 64-bit Windows Server Editions, v6.46.0.64 (E)	✓
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### Software - Storage Fibre Channel HBA

HPE Emulex(BRCM) Fibre Channel Over Ethernet Enablement Kit for Red Hat Enterprise Linux 7 Server, v12.0.1210.0	✓
HPE Emulex(BRCM) Fibre Channel Over Ethernet Enablement Kit for SUSE Linux Enterprise Server 12, v12.0.1210.0	✓
HPE Emulex(BRCM) Fibre Channel Over Ethernet Enablement Kit for SUSE Linux Enterprise Server 15, v12.0.1210.0	✓
Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -Red Hat Enterprise Linux (RHEL), v4.1-1 (b)	✓
Fibreutils for HPE Storage Fibre Channel Host Bus Adapters for Linux -SuSE Linux Enterprise Server(SLES), v4.1-1 (b)	✓
HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 7 Server, v12.4.256.0	✓
HPE Emulex Fibre Channel Enablement Kit for Red Hat Enterprise Linux 8 Server, v12.4.256.0	✓
HPE Emulex Fibre Channel Enablement Kit for SUSE Linux Enterprise Server 12, v12.4.256.0	✓
HPE Emulex Fibre Channel Enablement Kit for SUSE Linux Enterprise Server 15, v12.4.256.0	✓
HPE Emulex Smart SAN Enablement Kit for Linux, v1.0.0.0-4 (e)	✓
HPE Emulex Smart SAN Enablement Kit for Windows 64 bit operating systems, v1.0.0.1 (i)	✓
HPE QLogic Fibre Channel Enablement Kit for Linux, v6.0.0.0-11 (b)	✓
HPE QLogic Smart SAN enablement kit for Linux, v3.3-3 (h)	✓
HPE QLogic Smart SAN Enablement Kit for Windows 64 bit operating systems, v1.0.0.1 (i)	✓

## Service Pack for ProLiant, v2019.12.0 - Apollo Servers

HPE Apollo 4200 Gen9 Server

### Software - System Management

HPE Insight Management Agents for Windows Server x64 Editions, v11.0.0.0	✓
HPE Insight Management WBEM Providers for Windows Server x64 Editions, v10.75.0.0	✓
HPE ProLiant Agentless Management Service for Red Hat Enterprise Linux 7 Server, v2.9.1	✓
HPE ProLiant Agentless Management Service for SUSE LINUX Enterprise Server 12, v2.9.1	✓
HPE System Health Application and Command Line Utilities for Red Hat Enterprise Linux 7 Server, v10.9.0	✓
HPE System Health Application and Command Line Utilities for SUSE LINUX Enterprise Server 12, v10.9.0	✓
HPE System Management Homepage for Linux (AMD64/EM64T), v7.6.5-3	✓
HPE System Management Homepage for Windows x64, v7.6.3.3	✓
HPE System Management Homepage Templates for Linux, v10.8.1	✓
HPE Offline Bundle for ESXi 6.5, v3.5.0	✓
HPE ProLiant Agentless Management Service for HPE Apollo, ProLiant and Synergy Gen9 servers, v10.97.0.0	✓
HPE Smart Storage Administrator (HPE SSA) CLI for Linux 64-bit, v4.15.6.0	✓
HPE Smart Storage Administrator (HPE SSA) CLI for VMware 6.5, v4.15.6.0	✓
HPE Smart Storage Administrator (HPE SSA) CLI for VMware 6.7, v4.15.6.0	✓
HPE Smart Storage Administrator (HPE SSA) CLI for Windows 64-bit, v4.15.6.0	✓
HPE Smart Storage Administrator (HPE SSA) for Linux 64-bit, v4.15.6.0	✓
HPE Smart Storage Administrator (HPE SSA) for Windows 64-bit, v4.15.6.0	✓
HPE Smart Storage Administrator Diagnostic Utility (HPE SSADU) CLI for Linux 64-bit, v4.15.6.0	✓
HPE Smart Storage Administrator Diagnostic Utility (HPE SSADU) CLI for Windows 64-bit, v4.15.6.0	✓
HPE SNMP Agents for Red Hat Enterprise Linux 7 Server, v10.9.0	✓
HPE SNMP Agents for SUSE LINUX Enterprise Server 12, v10.9.0	✓
HPE Utilities Offline Bundle for ESXi 6.5, v3.5.0	✓

### Firmware - Power Management

Online ROM Flash for Linux - Advanced Power Capping Microcontroller Firmware for HPE Gen9 Servers, v1.0.9 (J)	✓
Online ROM Flash for VMware ESXi - Advanced Power Capping Microcontroller Firmware for HPE Gen9 Servers, v1.0.9 (I)	✓
Online ROM Flash for Windows x64 - Advanced Power Capping Microcontroller Firmware for HPE Gen9 Servers, v1.0.9(I)	✓

### Software - Network

Broadcom Active Health System Agent for HPE ProLiant Network Adapters for Linux x86_64, v1.0.21-1	✓
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## Service Pack for ProLiant, v2019.12.0 - Apollo Servers

HPE Apollo 4200 Gen9 Server

Intel Active Health System Agent for HPE ProLiant Network Adapters for Linux x86_64, v1.1.83.0-1 (B)	✓
<b>Software - Management</b>	
HPE Management Bundle Smart Component for ESXi 6.5, v2019.12.01	✓
<b>Software - Storage Fibre Channel</b>	
Emulex Fibre Channel driver component for VMware vSphere 6.5, v2019.12.01	✓
Emulex Fibre Channel driver component for VMware vSphere 6.7, v2019.12.01	✓
Emulex(BRCM) Fibre Channel over Ethernet driver for VMware vSphere 6.5, v2019.03.01	✓
Emulex(BRCM) Fibre Channel over Ethernet driver for VMware vSphere 6.7, v2019.03.01	✓
QLogic Fibre Channel driver component for VMware vSphere 6.5, v2019.12.01	✓
QLogic Fibre Channel driver component for VMware vSphere 6.7, v2019.12.01	✓
<b>Driver - Storage Fibre Channel and Fibre Channel Over Ethernet</b>	
HPE Storage Fibre Channel Over Ethernet Adapter Kit for the x64 Emulex Storport Driver for Windows 2012, Windows 2012R2 and Windows 2016, v12.0.1192.0	✓
HPE Storage Fibre Channel Over Ethernet Adapter Kit for the x64 Emulex Storport Driver for Windows 2019, v12.0.1192.0 (b)	✓
Red Hat Enterprise Linux 7 Server FCoE Driver Kit for HPE Emulex(BRCM) Converged Network Adapters(CNAs) and mezzanine Converged Network Adapters(CNAs), v12.0.1216.0	✓
SUSE Linux Enterprise Server 12 FCoE Driver Kit for HPE Emulex(BRCM) Converged Network Adapters(CNAs) and mezzanine Converged Network Adapters(CNAs), v12.0.1216.0	✓
SUSE Linux Enterprise Server 15 FCoE Driver Kit for HPE Emulex(BRCM) Converged Network Adapters(CNAs) and mezzanine Converged Network Adapters(CNAs), v12.0.1216.0	✓
HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2012R2 and Windows 2016, v12.4.243.4	✓
HPE Storage Fibre Channel Adapter Kit for the x64 Emulex Storport Driver for Windows 2019, v12.4.243.4	✓
HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2012 R2, v9.3.3.20 (b)	✓
HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2016, v9.3.3.20 (b)	✓
HPE Storage Fibre Channel Adapter Kit for the x64 QLogic Storport Driver for Windows Server 2019, v9.3.3.20 (b)	✓
Red Hat Enterprise Linux 7 Server FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.07.6-k1 (b)	✓
Red Hat Enterprise Linux 7 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓
Red Hat Enterprise Linux 7 Update 6 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓
Red Hat Enterprise Linux 7 Update 6 Server Fibre Channel Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.07.6-k1	✓
Red Hat Enterprise Linux 8 Server FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.08.0-k1 (b)	✓

## Service Pack for ProLiant, v2019.12.0 - Apollo Servers

HPE Apollo 4200 Gen9 Server

Red Hat Enterprise Linux 8 Server Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓
SUSE Linux Enterprise Server 12 FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.12.4-k1 (b)	✓
SUSE Linux Enterprise Server 12 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓
SUSE Linux Enterprise Server 12 Service Pack 3 FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v8.08.00.08.12.3-k12	✓
SUSE Linux Enterprise Server 12 Service Pack 3 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓
SUSE Linux Enterprise Server 15 FC Driver Kit for HPE QLogic Host Bus Adapters and mezzanine Host Bus Adapters, v10.01.00.52.15.1-k1 (b)	✓
SUSE Linux Enterprise Server 15 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓
SUSE Linux Enterprise Server 15 Service Pack 0 Fibre Channel Driver Kit for HPE Emulex Host Bus Adapters and mezzanine Host Bus Adapters, v12.4.270.3	✓
SUSE Linux Enterprise Server 15 Service Pack 0 Fibre Channel Driver Kit Host Bus Adapters for HPE QLogic and mezzanine Host Bus Adapters, v10.01.00.52.15.0-k1	✓
<b>Firmware (Entitlement Required) - Storage Controller</b>	
HPE D3600/D3700/D3610/D3710 12Gb SAS Disk Enclosure ROM Flash Component for Linux (x64), v4.12	✓
HPE D3600/D3700/D3610/D3710 12Gb SAS Disk Enclosure ROM Flash Component for VMware (ESXi), v4.12	✓
HPE D3600/D3700/D3610/D3710 12Gb SAS Disk Enclosure ROM Flash Component for Windows (x64), v4.12	✓

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant MicroServers

HPE ProLiant Thin Micro TM200 Server  
HPE ProLiant Easy Connect EC200a  
Managed Hybrid Server

### BIOS - System ROM

Online ROM Flash Component for Linux - HPE ProLiant EC200a (U26) Server/HPE ProLiant Thin Micro TM200 (U26) Server, v2.66_07-19-2019	✓	✓
Online ROM Flash Component for VMware - HPE ProLiant EC200a (U26) Server/HPE ProLiant Thin Micro TM200 (U26) Server, v2.66_07-19-2019	✓	✓
Online ROM Flash Component for Windows x64 - HPE ProLiant EC200a (U26) Server/HPE ProLiant Thin Micro TM200 (U26) Server, v2.66_07-19-2019	✓	✓

### Driver - Chipset

Identifiers for Intel Xeon E-2xxx Processor for Windows, v10.1.18015.8142		
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### Driver - Network

HPE Broadcom NetXtreme-E Driver for Windows Server 2012 R2, v214.0.177.0 (B)	✓	
HPE Broadcom NetXtreme-E Drivers for Red Hat Enterprise Linux 7, v1.9.2-214.0.182.0 (C)	✓	
HPE Broadcom NetXtreme-E RoCE Library for Red Hat Enterprise Linux 7 Update 6, v214.0.181.0 (C)	✓	
HPE Broadcom NX1 1Gb Driver for Windows Server x64 Editions, v214.0.0.0 (C)	✓	
HPE Broadcom tg3 Ethernet Drivers for Red Hat Enterprise Linux 7 x86_64, v3.137y-1 (B)	✓	
HPE Broadcom tg3 Ethernet Drivers for SUSE Linux Enterprise Server 12 x86_64, v3.137y-2 (B)	✓	
HPE Broadcom tg3 Ethernet Drivers for SUSE Linux Enterprise Server 15, v3.137y-2 (B)	✓	
HPE Emulex 10/20 GbE Driver for Windows Server 2012 R2, v12.0.1195.0 (B)	✓	
HPE Emulex 10/20 GbE Driver for Windows Server 2016, v12.0.1195.0 (B)	✓	
HPE Emulex 10/20 GbE iSCSI Driver for Windows Server 2012 R2, v12.0.1171.0 (B)	✓	
HPE Emulex 10/20 GbE iSCSI Driver for Windows Server 2016, v12.0.1171.0 (B)	✓	
HPE Emulex 10/20GbE Drivers for Red Hat Enterprise Linux 7 x86_64, v12.0.1216.1-1 (B)	✓	
HPE Emulex 10/20GbE Drivers for SUSE Linux Enterprise Server 12 x86_64, v12.0.1216.1-1 (B)	✓	
HPE Emulex 10/20GbE Drivers for SUSE Linux Enterprise Server 15, v12.0.1216.1-1 (B)	✓	
HPE Emulex 10/20GbE iSCSI Drivers for Red Hat Enterprise Linux 7 x86_64, v12.0.1216.1-1 (B)	✓	
HPE Emulex 10/20GbE iSCSI Drivers for SUSE Linux Enterprise Server 12 x86_64, v12.0.1216.1-1 (B)	✓	
HPE Emulex 10/20GbE iSCSI Drivers for SUSE Linux Enterprise Server 15, v12.0.1216.1-1 (B)	✓	
HPE Intel E1R Driver for Windows Server 2012 R2, v12.14.8.1	✓	
HPE Intel E1R Driver for Windows Server 2016, v12.15.184.7	✓	
HPE Intel i40e Drivers for Red Hat Enterprise Linux 7 x86_64, v2.10.19.30-2	✓	
HPE Intel i40e Drivers for Red Hat Enterprise Linux 8, v2.10.19.30-2	✓	
HPE Intel i40e Drivers for SUSE Linux Enterprise Server 12 x86_64, v2.10.19.30-2	✓	

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant MicroServers

		HPE ProLiant Thin Micro TM200 Server HPE ProLiant Easy Connect EC200a Managed Hybrid Server
HPE Intel i40e Drivers for SUSE Linux Enterprise Server 15, v2.10.19.30-2	✓	
HPE Intel i40ea Driver for Windows Server 2012 R2, v1.11.101.0	✓	
HPE Intel i40ea Driver for Windows Server 2016, v1.11.101.0	✓	
HPE Intel i40eb Driver for Windows Server 2012 R2, v1.11.101.0	✓	
HPE Intel i40eb Driver for Windows Server 2016, v1.11.101.0	✓	
HPE Intel iavf Driver for Windows Server 2012 R2, v1.7.119.0	✓	
HPE Intel iavf Driver for Windows Server 2016, v1.7.119.0	✓	
HPE Intel iavf Drivers for Red Hat Enterprise Linux 7 x86_64, v3.7.61.20-1	✓	
HPE Intel iavf Drivers for Red Hat Enterprise Linux 8, v3.7.61.20-1	✓	
HPE Intel iavf Drivers for SUSE Linux Enterprise Server 12 x86_64, v3.7.61.20-1	✓	
HPE Intel iavf Drivers for SUSE Linux Enterprise Server 15, v3.7.61.20-1	✓	
HPE Intel igb Drivers for Red Hat Enterprise Linux 7 x86_64, v6.2.1-1	✓	
HPE Intel igb Drivers for Red Hat Enterprise Linux 8, v6.2.1-1	✓	
HPE Intel igb Drivers for SUSE Linux Enterprise Server 12 x86_64, v6.2.1-1	✓	
HPE Intel igb Drivers for SUSE Linux Enterprise Server 15, v6.2.1-1	✓	
HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 7 x86_64, v5.6.4-2	✓	
HPE Intel ixgbe Drivers for Red Hat Enterprise Linux 8, v5.6.4-2	✓	
HPE Intel ixgbe Drivers for SUSE Linux Enterprise Server 12 x86_64, v5.6.4-2	✓	
HPE Intel ixgbe Drivers for SUSE Linux Enterprise Server 15, v5.6.4-2	✓	
HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 7 x86_64, v4.6.2-2	✓	
HPE Intel ixgbev Drivers for Red Hat Enterprise Linux 8, v4.6.2-2	✓	
HPE Intel ixgbev Drivers for SUSE Linux Enterprise Server 12 x86_64, v4.6.2-2	✓	
HPE Intel ixgbev Drivers for SUSE Linux Enterprise Server 15, v4.6.2-2	✓	
HPE Intel ixn Driver for Windows Server 2012 R2, v3.14.132.0 (B)	✓	
HPE Intel ixn Driver for Windows Server 2016, v4.1.131.0 (B)	✓	
HPE Intel ixv Driver for Windows Server 2012 R2, v3.14.132.0 (B)	✓	
HPE Intel ixv Driver for Windows Server 2016, v4.1.131.0 (B)	✓	
HPE Intel vxm Driver for Windows Server 2012 R2, v1.0.16.1 (B)	✓	
HPE Intel vxm Driver for Windows Server 2016, v2.0.210.0 (D)	✓	

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant MicroServers

		HPE ProLiant Thin Micro TM200 Server HPE ProLiant Easy Connect EC200a Managed Hybrid Server
HPE Intel vxs Driver for Windows Server 2012 R2, v1.2.131.0 (B)	✓	
HPE Intel vxs Driver for Windows Server 2016, v2.1.133.0 (B)	✓	
HPE Mellanox CX3 Driver for Windows Server 2012 R2, v5.35.12978.0 (B)	✓	
HPE Mellanox CX3 Driver for Windows Server 2016, v5.35.12978.0 (D)	✓	
HPE Mellanox CX4LX and CX5 Driver for Windows Server 2012 R2, v2.30.21713.0	✓	
HPE Mellanox CX4LX and CX5 Driver for Windows Server 2016, v2.30.21713.0	✓	
HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 7 x86_64, v8.42.8.0-1	✓	
HPE QLogic FastLinQ 10/25/50 GbE Drivers for Red Hat Enterprise Linux 8, v8.42.8.0-1	✓	
HPE QLogic FastLinQ 10/25/50 GbE Drivers for SUSE Linux Enterprise Server 12 x86_64, v8.42.8.0-1	✓	
HPE QLogic FastLinQ 10/25/50 GbE Drivers for SUSE Linux Enterprise Server 15, v8.42.8.0-1	✓	
HPE QLogic FastLinQ 10/25/50 GbE Drivers for Windows Server x64 Editions, v8.42.10.0	✓	
HPE QLogic FastLinQ Open-iSCSI Driver for Red Hat Enterprise Linux 7 Update 6, v2.0-873.113-1 (D)	✓	
HPE QLogic FastLinQ Open-iSCSI Driver for Red Hat Enterprise Linux 7 Update 7, v2.0-873.113-1	✓	
HPE QLogic FastLinQ Open-iSCSI Driver for Red Hat Enterprise Linux 8 Update 0, v2.0-873.113-1	✓	
HPE QLogic FastLinQ Open-iSCSI Driver for SUSE Linux Enterprise Server 12 SP3, v2.0-873.113-1 (D)	✓	
HPE QLogic FastLinQ Open-iSCSI Driver for SUSE Linux Enterprise Server 12 SP4, v2.0-873.113-1 (D)	✓	
HPE QLogic FastLinQ Open-iSCSI Driver for SUSE Linux Enterprise Server 15 SP0, v2.0-873.113-1 (D)	✓	
HPE QLogic FastLinQ Open-iSCSI Driver for SUSE Linux Enterprise Server 15 SP1, v2.0-873.113-1	✓	
HPE QLogic iSCSI Offload IO Daemon for Red Hat Enterprise Linux 7 Update 6, v2.11.5.13-3 (B)	✓	
HPE QLogic iSCSI Offload IO Daemon for Red Hat Enterprise Linux 7 Update 7, v2.11.5.13-3	✓	
HPE QLogic iSCSI Offload IO Daemon for Red Hat Enterprise Linux 8 Update 0, v2.11.5.13-3	✓	
HPE QLogic iSCSI Offload IO Daemon for SUSE Linux Enterprise Server 12 SP3 x86_64, v2.11.5.13-3 (B)	✓	
HPE QLogic iSCSI Offload IO Daemon for SUSE Linux Enterprise Server 12 SP4, v2.11.5.13-3 (B)	✓	
HPE QLogic iSCSI Offload IO Daemon for SUSE Linux Enterprise Server 15 SP0, v2.11.5.13-3 (B)	✓	
HPE QLogic iSCSI Offload IO Daemon for SUSE Linux Enterprise Server 15 SP1, v2.11.5.13-3	✓	
HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 7 x86_64, v7.14.63-1	✓	
HPE QLogic NX2 10/20 GbE Multifunction Drivers for Red Hat Enterprise Linux 8, v7.14.63-1	✓	
HPE QLogic NX2 10/20 GbE Multifunction Drivers for SUSE Linux Enterprise Server 12 x86_64, v7.14.63-1	✓	
HPE QLogic NX2 10/20 GbE Multifunction Drivers for SUSE Linux Enterprise Server 15, v7.14.63-1	✓	



## Service Pack for ProLiant, v2019.12.0 - HP ProLiant MicroServers

HPE ProLiant Thin Micro TM200 Server  
HPE ProLiant Easy Connect EC200a  
Managed Hybrid Server

HPE QLogic NX2 10/20 GbE Multifunction Drivers for Windows Server x64 Editions, v7.13.171.0	✓	
<b>Driver - Storage Controller</b>		
HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 7 (64-bit), v1.2.10-025		
HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for Red Hat Enterprise Linux 8 (64-bit), v1.2.10-025		
HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for SUSE LINUX Enterprise Server 12 (64-bit), v1.2.10-025		
HPE ProLiant Gen10 Smart Array Controller (64-bit) Driver for SUSE LINUX Enterprise Server 15 (64-bit), v1.2.10-025		
HPE ProLiant Gen10 Smart Array Controller Driver for VMware ESXi 6.5 (Bundle file), v1.0.4.3008		
HPE ProLiant Gen10 Smart Array Controller Driver for VMware ESXi 6.7 (Bundle file), v1.0.4.3008		
HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.5 (Driver Component), v2019.12.01		
HPE ProLiant Gen10 Smart Array Controller Driver for VMware vSphere 6.7 (Driver Component), v2019.12.01		
HPE Smart Array Gen10 Controller Driver for Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019, v106.166.0.1022		
<b>Driver - System Management</b>		
iLO 3/4 Channel Interface Driver for Windows Server 2008 to Server 2012 R2, v3.30.0.0	✓	
iLO 4 Channel Interface Driver for Windows Server 2012 and Server 2012 R2, v4.0.0.0	✓	
iLO 4 Channel Interface Driver for Windows Server 2012 and Server 2012 R2, v4.1.0.0	✓	
iLO 4 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.0.0.0	✓	
iLO 4 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.1.0.0	✓	
iLO 4 Management Controller Driver Package for Windows Server 2012 and Server 2012 R2, v4.0.0.0	✓	
iLO 4 Management Controller Driver Package for Windows Server 2016 and Server 2019, v4.0.0.0 (B)	✓	
HPE ProLiant Gen9 Chipset Identifier for Windows Server 2012 R2 to Server 2019, v10.1.17969.8134	✓	
iLO 5 Automatic Server Recovery Driver for Windows Server 2016 and Server 2019, v4.6.0.0		
iLO 5 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.6.0.0		
iLO 5 Channel Interface Driver for Windows Server 2016 and Server 2019, v4.6.0.0 (B)		
<b>Driver - Video</b>		
Matrox G200eH Video Controller Driver for Windows Server 2012 and Server 2012 R2, v9.15.1.224	✓	
Matrox G200eH Video Controller Driver for Windows Server 2016 and Server 2019, v9.15.1.224	✓	
Matrox G200eH3 Video Controller Driver for Windows Server 2016 and Server 2019, v9.15.1.224 (B)		
<b>Firmware - Network</b>		
HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Linux x86_64, v1.7.6	✓	

Service Pack for ProLiant, v2019.12.0 - HP ProLiant MicroServers			
		HPE ProLiant Thin Micro TM200 Server HPE ProLiant Easy Connect EC200a Managed Hybrid Server	
HPE Broadcom NetXtreme-E Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0		✓	
HPE Broadcom NX1 Online Firmware Upgrade Utility for Linux x86_64, v2.24.2		✓	
HPE Broadcom NX1 Online Firmware Upgrade Utility for VMware, v1.25.2		✓	
HPE Broadcom NX1 Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0		✓	
HPE Intel Online Firmware Upgrade Utility for Linux x86_64, v1.19.11		✓	
HPE Intel Online Firmware Upgrade Utility for VMware, v3.12.12		✓	
HPE Intel Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0		✓	
HPE QLogic FastLinQ Online Firmware Upgrade Utility for Linux x86_64, v1.8.12		✓	
HPE QLogic FastLinQ Online Firmware Upgrade Utility for VMware, v4.11.9		✓	
HPE QLogic FastLinQ Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0		✓	
HPE QLogic NX2 Online Firmware Upgrade Utility for Linux x86_64, v2.26.7		✓	
HPE QLogic NX2 Online Firmware Upgrade Utility for VMware, v1.26.4		✓	
HPE QLogic NX2 Online Firmware Upgrade Utility for Windows Server x64 Editions, v5.2.0.0		✓	
<b>Firmware - Storage Controller</b>			
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, v2.62			
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, v2.62			
Supplemental Update / Online ROM Flash Component for Linux (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, v2.62			
<b>Software - Lights-Out Management</b>			
HP Lights-Out Online Configuration Utility for Linux (AMD64/EM64T), v5.5.0-0		✓	
HP Lights-Out Online Configuration Utility for Windows x64 Editions, v5.3.0.0		✓	
<b>Software - System Management</b>			
Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 7 Server, v2.1.0			
Agentless Management Service (iLO 5) for Red Hat Enterprise Linux 8 Server, v2.1.0			
Agentless Management Service for Windows X64, v2.10.0.0			
HPE Smart Storage Administrator (HPE SSA) CLI for Linux 64-bit, v4.15.6.0			
HPE Smart Storage Administrator (HPE SSA) CLI for Windows 64-bit, v4.15.6.0			

## Service Pack for ProLiant, v2019.12.0 - HP ProLiant MicroServers

		HPE ProLiant Thin Micro TM200 Server HPE ProLiant Easy Connect EC200a Managed Hybrid Server
HPE Smart Storage Administrator (HPE SSA) for Linux 64-bit, v4.15.6.0		
HPE Smart Storage Administrator (HPE SSA) for Windows 64-bit, v4.15.6.0		
HPE Smart Storage Administrator Diagnostic Utility (HPE SSADU) CLI for Linux 64-bit, v4.15.6.0		
HPE Smart Storage Administrator Diagnostic Utility (HPE SSADU) CLI for Windows 64-bit, v4.15.6.0		
<b>Software - Network</b>		
Intel Active Health System Agent for HPE ProLiant Network Adapters for Linux x86_64, v1.1.83.0-1 (B)	✓	

## Service Pack for ProLiant, v2019.12.0 - Other Support

### Firmware - SAS Storage Disk

Online HDD/SDD Flash Component for Linux (x64) - EG000300JWBHR Drives, vHPD4 (C)
Online HDD/SDD Flash Component for Linux (x64) - EG000300JWFVB Drives, vHPD2 (D)
Online HDD/SDD Flash Component for Linux (x64) - EG000600JWEBH and EG000300JWEBF Drives, vHPD4 (C)
Online HDD/SDD Flash Component for Linux (x64) - EG000600JWFUV and EG001200JWFVA Drives, vHPD3 (D)
Online HDD/SDD Flash Component for Linux (x64) - EG000600JWJNP and EG001200JWJNQ Drives, vHPD2 (C)
Online HDD/SDD Flash Component for Linux (x64) - EG0600JETKA, EG0900JETKB, and EG1200JETKC Drives, vHPD7 (C)
Online HDD/SDD Flash Component for Linux (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives, vHPD2 (C)
Online HDD/SDD Flash Component for Linux (x64) - MB002000JWFVN and MB004000JWFVP Drives, vHPD2 (C)
Online HDD/SDD Flash Component for Linux (x64) - MB004000JWFVK and MB006000JWFVL Drives, vHPD2 (C)
Online HDD/SDD Flash Component for Linux (x64) - MB6000JVYZD and MB4000JVYZC Drives, vHPD4 (C)
Online HDD/SDD Flash Component for Linux (x64) - MM1000JEFRB and MM2000JEFRC Drives, vHPD8 (D)
Online HDD/SDD Flash Component for Linux (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives, vHPD1 (C)
Online HDD/SDD Flash Component for Linux (x64) - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTR, MO001600JWTRT, MO003200JWTRU, MO006400JWTRD, EO000400JWTRV, EO000800JWTRC, EO001600JWTRB Drives, vHPD7 (D)
Online HDD/SDD Flash Component for Linux (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drive, vHPD2 (B)
Online HDD/SDD Flash Component for Linux (x64) - EG001800JWFVC Drives, vHPD3 (D)
Online HDD/SDD Flash Component for Linux (x64) - EG001800JWJNL and EG002400JWJNN Drive, vHPD2 (B)
Online HDD/SDD Flash Component for Linux (x64) - EG0300FCSPL, EG0450FCSPL, EG0600FCSPL, and EG0900FCSPL Drives, vHPD2 (E)
Online HDD/SDD Flash Component for Linux (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives, vHPD5 (F)
Online HDD/SDD Flash Component for Linux (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB, and EG1200JEMDA Drives, vHPD6 (F)
Online HDD/SDD Flash Component for Linux (x64) - EG1800JEHMD Drive, vHPD6 (F)
Online HDD/SDD Flash Component for Linux (x64) - EG1800JEMDB Drives, vHPD5 (E)
Online HDD/SDD Flash Component for Linux (x64) - EG1800JFHHM Drives, vHPD7 (D)
Online HDD/SDD Flash Component for Linux (x64) - EH000300JWCPL, EH000600JWCPL, and EH000900JWCPL Drives, vHPD5 (C)
Online HDD/SDD Flash Component for Linux (x64) - EH000600JWCPH and EH000900JWCPH Drives, vHPD7 (C)
Online HDD/SDD Flash Component for Linux (x64) - EH000900JWHPK and EH000600JWHPH Drives, vHPD3 (C)

## Service Pack for ProLiant, v2019.12.0 - Other Support

Online HDD/SDD Flash Component for Linux (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives, vHPD3 (C)
Online HDD/SDD Flash Component for Linux (x64) - EH0300JDXBA, EH0450JDXBB, and EH0600JDXBC Drives, vHPD5 (E)
Online HDD/SDD Flash Component for Linux (x64) - EH0300JDYTH, EH0450JDYTK, and EH0600JDYTL Drives, vHPD6 (F)
Online HDD/SDD Flash Component for Linux (x64) - EH0300JEDHC, EH0450JEDHD and EH0600JEDHE Drives, vHPD4 (F)
Online HDD/SDD Flash Component for Linux (x64) - EH0600JDYTN Drive, vHPD7 (E)
Online HDD/SDD Flash Component for Linux (x64) - MB004000JWKGU Drive, vHPD1 (B)
Online HDD/SDD Flash Component for Linux (x64) - MB006000JWKGN Drive, vHPD1 (B)
Online HDD/SDD Flash Component for Linux (x64) - MB008000JWJRQ and MB006000JWJRP Drives, vHPD4 (C)
Online HDD/SDD Flash Component for Linux (x64) - MB008000JWRTD Drive, vHPD1 (B)
Online HDD/SDD Flash Component for Linux (x64) - MB010000JWAYK and MB008000JWAYH Drives, vHPD5 (D)
Online HDD/SDD Flash Component for Linux (x64) - MB012000JWDFD Drives, vHPD2 (D)
Online HDD/SDD Flash Component for Linux (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives, vHPD2 (C)
Online HDD/SDD Flash Component for Linux (x64) - MB014000JWUDB Drive, vHPD2 (B)
Online HDD/SDD Flash Component for Linux (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives, vHPD3 (C)
Online HDD/SDD Flash Component for Linux (x64) - MB2000JFDSL and MB4000JFDSN Drives, vHPD4 (E)
Online HDD/SDD Flash Component for Linux (x64) - MB2000JFEML and MB4000JFEMN Drives, vHPD6 (E)
Online HDD/SDD Flash Component for Linux (x64) - MB2000JFEPB and MB4000JFEPB Drives, vHPD5 (E)
Online HDD/SDD Flash Component for Linux (x64) - MB4000JEFNC and MB6000JEFND Drives, vHPD9 (E)
Online HDD/SDD Flash Component for Linux (x64) - MB4000JEQNL and MB6000JEQNN Drives, vHPDB (E)
Online HDD/SDD Flash Component for Linux (x64) - MB4000JEXYA and MB6000JEXYB Drives, vHPD9 (C)
Online HDD/SDD Flash Component for Linux (x64) - MB6000JEQUV and MB8000JEQVA Drives, vHPDB (E)
Online HDD/SDD Flash Component for Linux (x64) - MB6000JVYYV Drives, vHPD2 (E)
Online HDD/SDD Flash Component for Linux (x64) - MB8000JFECQ Drives, vHPD7 (D)
Online HDD/SDD Flash Component for Linux (x64) - MM1000JFJTH Drives, vHPD3 (D)
Online HDD/SDD Flash Component for Linux (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFVR, MO000960JWFVT, MO001920JWFVU and MO003840JWFVW Drives, vHPD5 (B)
Online HDD/SDD Flash Component for Linux (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPF Drives, vHPD3 (E)
Online HDD/SDD Flash Component for Linux (x64) - VO1920JEUQQ Drives, vHPD3 (E)

## Service Pack for ProLiant, v2019.12.0 - Other Support

Online HDD/SDD Flash Component for VMware ESXi - EG000300JWBHR Drives, vHPD4 (B)
Online HDD/SDD Flash Component for VMware ESXi - EG000300JWFVB Drives, vHPD2 (D)
Online HDD/SDD Flash Component for VMware ESXi - EG000600JWEBH and EG000300JWEBF Drives, vHPD4 (B)
Online HDD/SDD Flash Component for VMware ESXi - EG000600JWFUV and EG001200JWFVA Drives, vHPD3 (D)
Online HDD/SDD Flash Component for VMware ESXi - EG000600JWJNP and EG001200JWJNQ Drives, vHPD2 (B)
Online HDD/SDD Flash Component for VMware ESXi - EG001800JWJNR and EG002400JWJNT Drives, vHPD4 (B)
Online HDD/SDD Flash Component for VMware ESXi - EG0600JETKA, EG0900JETKB, and EG1200JETKC Drives, vHPD7 (B)
Online HDD/SDD Flash Component for VMware ESXi - EH000900JWHPK and EH000600JWHPH Drives, vHPD3 (B)
Online HDD/SDD Flash Component for VMware ESXi - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives, vHPD3 (B)
Online HDD/SDD Flash Component for VMware ESXi - EH0600JDYTN Drive, vHPD7 (D)
Online HDD/SDD Flash Component for VMware ESXi - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives, vHPD2 (B)
Online HDD/SDD Flash Component for VMware ESXi - MB002000JWFVN and MB004000JWFVP Drives, vHPD2 (B)
Online HDD/SDD Flash Component for VMware ESXi - MB004000JWFVK and MB006000JWFVL Drives, vHPD2 (B)
Online HDD/SDD Flash Component for VMware ESXi - MB012000JWDFD Drives, vHPD2 (C)
Online HDD/SDD Flash Component for VMware ESXi - MB2000JFEML and MB4000JFEMN Drives, vHPD6 (E)
Online HDD/SDD Flash Component for VMware ESXi - MB4000JEQNL and MB6000JEQNN Drives, vHPDB (E)
Online HDD/SDD Flash Component for VMware ESXi - MB6000JEUUV and MB8000JEUVA Drives, vHPDB (E)
Online HDD/SDD Flash Component for VMware ESXi - MB6000JVYZD and MB4000JVYZC Drives, vHPD4 (B)
Online HDD/SDD Flash Component for VMware ESXi - MM1000JEFRB and MM2000JEFRC Drives, vHPD8 (D)
Online HDD/SDD Flash Component for VMware ESXi - MM1000JFJTH Drives, vHPD3 (D)
Online HDD/SDD Flash Component for VMware ESXi - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives, vHPD1 (B)
Online HDD/SDD Flash Component for VMware ESXi - VO000960JWTBK, VO001920JWTBL, VO003840JWTBN, VO007680JWTBP, MO000400JWTBQ, MO000800JWTBR, MO001600JWTBT, MO003200JWTBU, MO006400JWTCB, EO000400JWTCB, EO000800JWTCB, EO001600JWTCB Drives, vHPD7 (B)
Online HDD/SDD Flash Component for VMware ESXi - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drive, vHPD2 (B)
Online HDD/SDD Flash Component for VMware ESXi - EG001800JWFVC Drives, vHPD3 (B)
Online HDD/SDD Flash Component for VMware ESXi - EG001800JWJNL and EG002400JWJNN Drive, vHPD2 (B)
Online HDD/SDD Flash Component for VMware ESXi - EG0300FCSPH, EG0450FCSPK, EG0600FCSPL, and EG0900FCSPN Drives, vHPD2 (E)

## Service Pack for ProLiant, v2019.12.0 - Other Support

Online HDD/SDD Flash Component for VMware ESXi - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives, vHPD5 (F)
Online HDD/SDD Flash Component for VMware ESXi - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB, and EG1200JEMDA Drives, vHPD6 (E)
Online HDD/SDD Flash Component for VMware ESXi - EG1800JEHMD Drive, vHPD6 (F)
Online HDD/SDD Flash Component for VMware ESXi - EG1800JEMDB Drives, vHPD5 (E)
Online HDD/SDD Flash Component for VMware ESXi - EG1800JFHMH Drives, vHPD7 (D)
Online HDD/SDD Flash Component for VMware ESXi - EH000300JWCPK, EH000600JWCPL, and EH000900JWCPN Drives, vHPD5 (B)
Online HDD/SDD Flash Component for VMware ESXi - EH000600JWCPF and EH000900JWCPH Drives, vHPD7 (B)
Online HDD/SDD Flash Component for VMware ESXi - EH0300JDXBA, EH0450JDXBB, and EH0600JDXBC Drives, vHPD5 (E)
Online HDD/SDD Flash Component for VMware ESXi - EH0300JDYTH, EH0450JDYTK, and EH0600JDYTL Drives, vHPD6 (F)
Online HDD/SDD Flash Component for VMware ESXi - EH0300JEDHC, EH0450JEDHD, and EH0600JEDHE Drives, vHPD4 (F)
Online HDD/SDD Flash Component for VMware ESXi - MB004000JWKGU Drive, vHPD1 (B)
Online HDD/SDD Flash Component for VMware ESXi - MB006000JWKGN Drive, vHPD1 (B)
Online HDD/SDD Flash Component for VMware ESXi - MB008000JWJRQ and MB006000JWJRP Drives, vHPD4 (B)
Online HDD/SDD Flash Component for VMware ESXi - MB008000JWRD Drive, vHPD1 (B)
Online HDD/SDD Flash Component for VMware ESXi - MB010000JWAYK and MB008000JWAYH Drives, vHPD5 (C)
Online HDD/SDD Flash Component for VMware ESXi - MB014000JWUDB Drive, vHPD2 (B)
Online HDD/SDD Flash Component for VMware ESXi - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives, vHPD3 (B)
Online HDD/SDD Flash Component for VMware ESXi - MB2000JFDSL and MB4000JFDSN Drives, vHPD4 (E)
Online HDD/SDD Flash Component for VMware ESXi - MB2000JFEPB and MB4000JFEPB Drives, vHPD5 (E)
Online HDD/SDD Flash Component for VMware ESXi - MB4000JEFNC and MB6000JEFND Drives, vHPD9 (E)
Online HDD/SDD Flash Component for VMware ESXi - MB4000JEXYA and MB6000JEXYB Drives, vHPD9 (B)
Online HDD/SDD Flash Component for VMware ESXi - MB6000JVYYV Drives, vHPD2 (E)
Online HDD/SDD Flash Component for VMware ESXi - MB8000JFECQ Drives, vHPD7 (D)
Online HDD/SDD Flash Component for VMware ESXi - MO000400JWFWN, MO000800JWFWP, MO001600JWFWQ, MO003200JWFWR, MO000960JWFWT, MO001920JWFWU and MO003840JWFWV Drives, vHPD5 (B)
Online HDD/SDD Flash Component for VMware ESXi - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPP Drives, vHPD3 (E)
Online HDD/SDD Flash Component for VMware ESXi - VO1920JEUQQ Drives, vHPD3 (E)
Online HDD/SDD Flash Component for VMware ESXi - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives, vHPD2 (B)

## Service Pack for ProLiant, v2019.12.0 - Other Support

Online HDD/SDD Flash Component for Windows (x64) - EG000300JWBHR Drives, vHPD4 (B)
Online HDD/SDD Flash Component for Windows (x64) - EG000300JWFVB Drives, vHPD2 (C)
Online HDD/SDD Flash Component for Windows (x64) - EG000300JWSJP, EG000600JWJNH and EG001200JWJNK Drive, vHPD2 (B)
Online HDD/SDD Flash Component for Windows (x64) - EG000600JWEBH and EG000300JWEBF Drives, vHPD4 (B)
Online HDD/SDD Flash Component for Windows (x64) - EG000600JWFUV and EG001200JWFVA Drives, vHPD3 (C)
Online HDD/SDD Flash Component for Windows (x64) - EG000600JWJNP and EG001200JWJNQ Drives, vHPD2 (B)
Online HDD/SDD Flash Component for Windows (x64) - EG001800JWFVC Drives, vHPD3 (B)
Online HDD/SDD Flash Component for Windows (x64) - EG001800JWJNL and EG002400JWJNN Drive, vHPD2 (B)
Online HDD/SDD Flash Component for Windows (x64) - EG001800JWJNR and EG002400JWJNT Drives, vHPD4 (B)
Online HDD/SDD Flash Component for Windows (x64) - EG0300FCSPH, EG0450FCSPK, EG0600FC SPL, and EG0900FCSPN Drives, vHPD2 (D)
Online HDD/SDD Flash Component for Windows (x64) - EG0300JEHLV, EG0600JEHMA, EG0900JEHMB, and EG1200JEHMC Drives, vHPD5 (E)
Online HDD/SDD Flash Component for Windows (x64) - EG0300JFCKA, EG0600JEMCV, EG0900JFCKB, and EG1200JEMDA Drives, vHPD6 (D)
Online HDD/SDD Flash Component for Windows (x64) - EG0600JETKA, EG0900JETKB, and EG1200JETKC Drives, vHPD7 (B)
Online HDD/SDD Flash Component for Windows (x64) - EG1800JEHMD Drive, vHPD6 (E)
Online HDD/SDD Flash Component for Windows (x64) - EG1800JEMDB Drives, vHPD5 (D)
Online HDD/SDD Flash Component for Windows (x64) - EG1800JFHMH Drives, vHPD7 (D)
Online HDD/SDD Flash Component for Windows (x64) - EH000300JWC PK, EH000600JWCPL, and EH000900JWC PN Drives, vHPD5 (B)
Online HDD/SDD Flash Component for Windows (x64) - EH000600JWCPF and EH000900JWCPH Drives, vHPD7 (B)
Online HDD/SDD Flash Component for Windows (x64) - EH000900JWHPK and EH000600JWHPH Drives, vHPD3 (B)
Online HDD/SDD Flash Component for Windows (x64) - EH000900JWHPP, EH000600JWHPN and EH000300JWHPL Drives, vHPD3 (B)
Online HDD/SDD Flash Component for Windows (x64) - EH0300JDXBA, EH0450JDXBB, and EH0600JDXBC Drives, vHPD5 (D)
Online HDD/SDD Flash Component for Windows (x64) - EH0300JDYTH, EH0450JDYTK, and EH0600JDYTL Drives, vHPD6 (E)
Online HDD/SDD Flash Component for Windows (x64) - EH0300JEDHC, EH0450JEDHD, and EH0600JEDHE Drives, vHPD4 (F)
Online HDD/SDD Flash Component for Windows (x64) - EH0600JDYTN Drive, vHPD7 (C)
Online HDD/SDD Flash Component for Windows (x64) - EO000400JWDKP, EO000800JWDKQ, EO001600JWDKR, MO000400JWDKU, MO000800JWDKV, MO001600JWDLA and MO003200JWDLB Drives, vHPD2 (B)
Online HDD/SDD Flash Component for Windows (x64) - MB002000JWFVN and MB004000JWFVP Drives, vHPD2 (B)
Online HDD/SDD Flash Component for Windows (x64) - MB004000JWFVK and MB006000JWFVL Drives, vHPD2 (B)
Online HDD/SDD Flash Component for Windows (x64) - MB004000JWKGU Drive, vHPD1 (B)



## Service Pack for ProLiant, v2019.12.0 - Other Support

Online HDD/SDD Flash Component for Windows (x64) - MB006000JWKGN Drive, vHPD1 (B)
Online HDD/SDD Flash Component for Windows (x64) - MB008000JWJRQ and MB006000JWJRP Drives, vHPD4 (B)
Online HDD/SDD Flash Component for Windows (x64) - MB008000JWRD Drive, vHPD1 (B)
Online HDD/SDD Flash Component for Windows (x64) - MB010000JWAYK and MB008000JWAYH Drives, vHPD5 (C)
Online HDD/SDD Flash Component for Windows (x64) - MB012000JWDFD Drives, vHPD2 (C)
Online HDD/SDD Flash Component for Windows (x64) - MB014000JWRTH, MB012000JWRTF and MB010000JWRTE Drives, vHPD2 (B)
Online HDD/SDD Flash Component for Windows (x64) - MB014000JUDB Drive, vHPD2 (B)
Online HDD/SDD Flash Component for Windows (x64) - MB1000JVYZL, MB2000JVYZN, MB3000JVYZP and MB4000JVYZQ Drives, vHPD3 (B)
Online HDD/SDD Flash Component for Windows (x64) - MB2000JFDSL and MB4000JFDSN Drives, vHPD4 (D)
Online HDD/SDD Flash Component for Windows (x64) - MB2000JFEML and MB4000JFEMN Drives, vHPD6 (D)
Online HDD/SDD Flash Component for Windows (x64) - MB2000JFEPA and MB4000JFEPB Drives, vHPD5 (D)
Online HDD/SDD Flash Component for Windows (x64) - MB4000JEFNC and MB6000JEFND Drives, vHPD9 (D)
Online HDD/SDD Flash Component for Windows (x64) - MB4000JEQNL and MB6000JEQNN Drives, vHPDB (D)
Online HDD/SDD Flash Component for Windows (x64) - MB4000JEXYA and MB6000JEXYB Drives, vHPD9 (B)
Online HDD/SDD Flash Component for Windows (x64) - MB6000JEUUV and MB8000JEUVA Drives, vHPDB (D)
Online HDD/SDD Flash Component for Windows (x64) - MB6000JVVYV Drives, vHPD2 (D)
Online HDD/SDD Flash Component for Windows (x64) - MB6000JVYZD and MB4000JVYZC Drives, vHPD4 (B)
Online HDD/SDD Flash Component for Windows (x64) - MB8000JFECQ Drives, vHPD7 (C)
Online HDD/SDD Flash Component for Windows (x64) - MM1000JEFRB and MM2000JEFRC Drives, vHPD8 (C)
Online HDD/SDD Flash Component for Windows (x64) - MM1000JFJTH Drives, vHPD3 (C)
Online HDD/SDD Flash Component for Windows (x64) - MO000400JWFVN, MO000800JWFVP, MO001600JWFVQ, MO003200JWFWR, MO000960JWFWT, MO001920JWFVU and MO003840JWFVW Drives, vHPD5 (B)
Online HDD/SDD Flash Component for Windows (x64) - MO000400JWUFT, MO000800JWUFU, MO001600JWUFV, MO003200JWUGA, MO006400JWUGB, EO000400JWUGC, EO000800JWUGD and EO001600JWUGE Drives, vHPD1 (B)
Online HDD/SDD Flash Component for Windows (x64) - MO0200JEFNV, MO0400JEFPA, MO0800JEFPB, MO1600JEFPC, EO0200JEFPD, EO0400JEFPE, and EO0800JEFPF Drives, vHPD3 (D)
Online HDD/SDD Flash Component for Windows (x64) - VO000960JWTK, VO001920JWTKL, VO003840JWTKN, VO007680JWTKP, MO000400JWTKQ, MO000800JWTKR, MO001600JWTKT, MO003200JWTKU, MO006400JWTKD, EO000400JWTKV, EO000800JWTKA, EO001600JWTKC Drives, vHPD7 (B)
Online HDD/SDD Flash Component for Windows (x64) - VO1920JEUQQ Drives, vHPD3 (D)

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Online HDD/SDD Flash Component for Linux (x64) - EG001800JWJNR and EG002400JWJNT Drives, vHPD4 (C)
Online HDD/SDD Flash Component for Linux (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK, and MO3200JFFCL Drives, vHPD8
Online HDD/SDD Flash Component for Linux (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV, and VO3840JFDHA Drives, vHPD8
Online HDD/SDD Flash Component for VMware ESXi - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK, and MO3200JFFCL Drives, vHPD8
Online HDD/SDD Flash Component for VMware ESXi - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV, and VO3840JFDHA Drives, vHPD8
Online HDD/SDD Flash Component for Windows (x64) - MO0400JFFCF, MO0800JFFCH, MO1600JFFCK, and MO3200JFFCL Drives, vHPD8
Online HDD/SDD Flash Component for Windows (x64) - VO0480JFDGT, VO0960JFDGU, VO1920JFDGV, and VO3840JFDHA Drives, vHPD8
<b>Firmware - SATA Storage Disk</b>
Online HDD/SDD Flash Component for ESXi - MB001000GWCBC and MB002000GWCBD Drives, vHPG6 (B)
Online HDD/SDD Flash Component for ESXi - MB001000GWFVK and MB002000GWFVL Drives, vHPG6 (B)
Online HDD/SDD Flash Component for ESXi - MB001000GWJAN, MB002000GWFVA, MB004000GWFVB Drives, vHPG1 (B)
Online HDD/SDD Flash Component for ESXi - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives, vHPG2 (B)
Online HDD/SDD Flash Component for ESXi - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA, and MB4000GDUPB Drives, vHPG4 (G)
Online HDD/SDD Flash Component for ESXi - MB4000GEFNA and MB6000GEFNB Drives, vHPG6 (E)
Online HDD/SDD Flash Component for ESXi - MB6000GEBTP Drives, vHPG4 (E)
Online HDD/SDD Flash Component for ESXi - MB6000GEXXV Drives, vHPG2 (G)
Online HDD/SDD Flash Component for ESXi - MB6000GVYZB and MB4000GVYZA Drives, vHPG4 (B)
Online HDD/SDD Flash Component for ESXi - MB8000GFECR Drives, vHPG6 (B)
Online HDD/SDD Flash Component for ESXi - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives, vHPG1 (B)
Online HDD/SDD Flash Component for ESXi - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJQP Drives, vHPG5 (B)
Online HDD/SDD Flash Component for ESXi - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU, VK003840GWSRV Drives, vHPG2 (B)
Online HDD/SDD Flash Component for ESXi - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives, vHPG3 (B)
Online HDD/SDD Flash Component for ESXi - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives, vHPG1 (F)
Online HDD/SDD Flash Component for ESXi - VK0240GEPQN, VK0480GEPQP, and VK0960GEPQQ Drives, vHPG1 (F)
Online HDD/SDD Flash Component for Linux (x64) - EK000200GWEPE, EK000400GWEPE, EK000800GWEPE and EK001600GWEPE Drives, vHPG3 (D)
Online HDD/SDD Flash Component for Linux (x64) - MB001000GWCBC and MB002000GWCBD Drives, vHPG6 (C)
Online HDD/SDD Flash Component for Linux (x64) - MB001000GWFVK and MB002000GWFVL Drives, vHPG6 (B)

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Online HDD/SDD Flash Component for Linux (x64) - MB001000GWJAN, MB002000GWFWA and MB004000GWFWB Drives, vHPG1 (C)
Online HDD/SDD Flash Component for Linux (x64) - MB002000GWFGH and MB001000GWFGF Drives, vHPG3 (E)
Online HDD/SDD Flash Component for Linux (x64) - MB004000GWKGV Drive, vHPG1 (B)
Online HDD/SDD Flash Component for Linux (x64) - MB006000GWBXQ and MB008000GWBYL Drives, vHPG8 (C)
Online HDD/SDD Flash Component for Linux (x64) - MB006000GWKGR Drive, vHPG1 (B)
Online HDD/SDD Flash Component for Linux (x64) - MB008000GWRTC Drive, vHPG1 (B)
Online HDD/SDD Flash Component for Linux (x64) - MB010000GWAYN and MB008000GWAYL Drives, vHPG5 (D)
Online HDD/SDD Flash Component for Linux (x64) - MB012000GWDFF Drives, vHPG2 (D)
Online HDD/SDD Flash Component for Linux (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives, vHPG2 (C)
Online HDD/SDD Flash Component for Linux (x64) - MB014000GWUDA Drive, vHPG2 (B)
Online HDD/SDD Flash Component for Linux (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA, and MB4000GDUPB Drives, vHPG4 (G)
Online HDD/SDD Flash Component for Linux (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH, and MB4000GVYZK Drives, vHPG4 (G)
Online HDD/SDD Flash Component for Linux (x64) - MB2000GCWLT, MB3000GCWLU, and MB4000GCWLV Drives, vHPG4 (G)
Online HDD/SDD Flash Component for Linux (x64) - MB2000GFEMH and MB4000GFEMK Drives, vHPG6 (F)
Online HDD/SDD Flash Component for Linux (x64) - MB4000GEFNA and MB6000GEFNB Drives, vHPG6 (G)
Online HDD/SDD Flash Component for Linux (x64) - MB4000GEQNH and MB6000GEQNK Drives, vHPGB (F)
Online HDD/SDD Flash Component for Linux (x64) - MB6000GEBTP Drives, vHPG4 (F)
Online HDD/SDD Flash Component for Linux (x64) - MB6000GEQUT and MB8000GEQUU Drives, vHPGB (F)
Online HDD/SDD Flash Component for Linux (x64) - MB6000GEXXV Drives, vHPG2 (G)
Online HDD/SDD Flash Component for Linux (x64) - MB6000GVYYU Drives, vHPG2 (F)
Online HDD/SDD Flash Component for Linux (x64) - MB6000GVYZB and MB4000GVYZA Drives, vHPG4 (C)
Online HDD/SDD Flash Component for Linux (x64) - MB8000GFECR Drives, vHPG6 (C)
Online HDD/SDD Flash Component for Linux (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCF A and MK001920GWCFB Drives, vHPG3 (D)
Online HDD/SDD Flash Component for Linux (x64) - MK003840GWWHITE Drives, vHPG6 (B)
Online HDD/SDD Flash Component for Linux (x64) - MK0960GECQK Drives, vHPG3 (H)
Online HDD/SDD Flash Component for Linux (x64) - MM1000GEFQV and MM2000GEFRA Drives, vHPG8 (E)
Online HDD/SDD Flash Component for Linux (x64) - MM1000GFJTE Drives, vHPG5 (C)
Online HDD/SDD Flash Component for Linux (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFM D, MR000960GWFM A, VR000960GWFM E, MR001920GWFM B and VR001920GWFM C Drives, vHPGE (B)

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Online HDD/SDD Flash Component for Linux (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives, vHPG1
Online HDD/SDD Flash Component for Linux (x64) - VK000240GWCFD, VK000480GWCFE, VK000960GWCFE, VK001920GWCFH and VK003840GWCFK Drives., vHPG3 (D)
Online HDD/SDD Flash Component for Linux (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives, vHPGE (B)
Online HDD/SDD Flash Component for Linux (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GKWVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJPPQ Drives, vHPG5 (C)
Online HDD/SDD Flash Component for Linux (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives, vHPG2 (B)
Online HDD/SDD Flash Component for Linux (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives, vHPG3 (C)
Online HDD/SDD Flash Component for Linux (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH, MK001920GWUGK Drives, vHPG2 (C)
Online HDD/SDD Flash Component for Linux (x64) - VK000480GWTGA, VK000960GWTGB, VK001920GWTGC and VK003840GWTGD Drives, vHPG1 (B)
Online HDD/SDD Flash Component for Linux (x64) - VK003840GWSXL Drive, vHPG2 (C)
Online HDD/SDD Flash Component for Linux (x64) - VK007680GWSXN Drive, vHPG2 (C)
Online HDD/SDD Flash Component for Linux (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJJK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYK Drives, vHPG5 (B)
Online HDD/SDD Flash Component for Linux (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives, vHPG1 (G)
Online HDD/SDD Flash Component for Linux (x64) - VK0240GEPQN, VK0480GEPQP, and VK0960GEPQQ Drives, vHPG1 (F)
Online HDD/SDD Flash Component for Linux (x64) - VR000150GWEPP and VR000480GWEPR Drives, vHPG1 (D)
Online HDD/SDD Flash Component for Linux (x64) - XP0032GEFEN, XP0032GDZME, XP0064GEFEP, and XP0064GDZMF Drives, vHPS8 (G)
Online HDD/SDD Flash Component for Linux (x64) - XP0120GFJSL and XP0240GFJSN Drives, vHPS4 (G)
Online HDD/SDD Flash Component for VMware ESXi - EK000200GWEPE, EK000400GWEPE, EK000800GWEPE and EK001600GWEPE Drives, vHPG3 (C)
Online HDD/SDD Flash Component for VMware ESXi - MB002000GWFGH and MB001000GWFGF Drives, vHPG3 (D)
Online HDD/SDD Flash Component for VMware ESXi - MB004000GWKGV Drive, vHPG1 (B)
Online HDD/SDD Flash Component for VMware ESXi - MB006000GWBXQ and MB008000GWBXL Drives, vHPG8 (B)
Online HDD/SDD Flash Component for VMware ESXi - MB006000GWKGR Drive, vHPG1 (B)
Online HDD/SDD Flash Component for VMware ESXi - MB008000GWRTE Drive, vHPG1 (B)
Online HDD/SDD Flash Component for VMware ESXi - MB010000GWAYN and MB008000GWAYL Drives, vHPG5 (C)
Online HDD/SDD Flash Component for VMware ESXi - MB012000GWDFE Drives, vHPG2 (C)

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Online HDD/SDD Flash Component for VMware ESXi - MB014000GWUDA Drive, vHPG2 (B)
Online HDD/SDD Flash Component for VMware ESXi - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH, and MB4000GVYZK Drives, vHPG4 (E)
Online HDD/SDD Flash Component for VMware ESXi - MB2000GCWLT, MB3000GCWLU, and MB4000GCWLV Drives, vHPG4 (G)
Online HDD/SDD Flash Component for VMware ESXi - MB2000GFEMH and MB4000GFEMK Drives, vHPG6 (E)
Online HDD/SDD Flash Component for VMware ESXi - MB4000GEQNH and MB6000GEQNK Drives, vHPGB (E)
Online HDD/SDD Flash Component for VMware ESXi - MB6000GEQUT and MB8000GEQUU Drives, vHPGB (E)
Online HDD/SDD Flash Component for VMware ESXi - MK000240GWCEU, MK000480GWCEV, MK000960GWCF A and MK001920GWCFB Drives, vHPG3 (C)
Online HDD/SDD Flash Component for VMware ESXi - MK003840GWHT E Drives, vHPG6 (B)
Online HDD/SDD Flash Component for VMware ESXi - MK0960GECQK Drives, vHPG3 (H)
Online HDD/SDD Flash Component for VMware ESXi - MM1000GEFQV and MM2000GEFRA Drives, vHPG8 (D)
Online HDD/SDD Flash Component for VMware ESXi - MM1000GFJTE Drives, vHPG5 (B)
Online HDD/SDD Flash Component for VMware ESXi - MR000240GWFLU, MR000480GWFLV, VR000480GWFM D, MR000960GWFM A, VR000960GWFM E, MR001920GWFM B and VR001920GWFM C Drives, vHPGE (B)
Online HDD/SDD Flash Component for VMware ESXi - VK000240GWCFD, VK000480GWCFE, VK000960GWCF F, VK001920GWCFH and VK003840GWCFK Drives., vHPG3 (C)
Online HDD/SDD Flash Component for VMware ESXi - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives, vHPGE (B)
Online HDD/SDD Flash Component for VMware ESXi - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH, MK001920GWUGK Drives, vHPG2 (B)
Online HDD/SDD Flash Component for VMware ESXi - VK000480GWTHA, VK000960GWTHB, VK001920GWTHC and VK003840GWTHD Drives, vHPG1 (B)
Online HDD/SDD Flash Component for VMware ESXi - VK003840GWSXL Drive, vHPG2 (B)
Online HDD/SDD Flash Component for VMware ESXi - VK007680GWSXN Drive, vHPG2 (B)
Online HDD/SDD Flash Component for VMware ESXi - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives, vHPG5 (B)
Online HDD/SDD Flash Component for VMware ESXi - VR000150GWEP P and VR000480GWEP R Drives, vHPG1 (C)
Online HDD/SDD Flash Component for VMware ESXi - XP0032GEFEN, XP0032GDZME, XP0064GEFEP, and XP0064GDZMF Drives, vHPS8 (F)
Online HDD/SDD Flash Component for VMware ESXi - XP0120GFJSL and XP0240GFJSN Drives, vHPS4 (F)
Online HDD/SDD Flash Component for Windows (x64) - VK0080GEYJN, VK0120GEYJP, VK0240GEYJQ, VK0480GEYJR, VK0800GEYJT, VK1600GEYJU, LK0200GEYMR, LK0480GFJSK, LK0800GEYMU, LK1600GEYMV, MK0200GEYKC, MK0400GEYKD, MK0800GEYKE and MK1200GEYKF Drives, vHPG5 (B)

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Online HDD/SDD Flash Component for Windows (x64) - XP0032GEFEN, XP0032GDZME, XP0064GEFEP, and XP0064GDZMF Drives, vHPS8 (E)
Online HDD/SDD Flash Component for Windows (x64) - EK000200GWEPE, EK000400GWEPE, EK000800GWEPE and EK001600GWEPE Drives, vHPG3 (C)
Online HDD/SDD Flash Component for Windows (x64) - MB001000GWCBC and MB002000GWCBD Drives, vHPG6 (B)
Online HDD/SDD Flash Component for Windows (x64) - MB001000GWFVK and MB002000GWFVL Drives, vHPG6 (B)
Online HDD/SDD Flash Component for Windows (x64) - MB001000GWFJAN, MB002000GWFJAW and MB004000GWFJWB Drives, vHPG1 (B)
Online HDD/SDD Flash Component for Windows (x64) - MB002000GWFJGH and MB001000GWFJGF Drives, vHPG3 (D)
Online HDD/SDD Flash Component for Windows (x64) - MB004000GWKGV Drive, vHPG1 (B)
Online HDD/SDD Flash Component for Windows (x64) - MB006000GWBXQ and MB008000GWBYL Drives, vHPG8 (B)
Online HDD/SDD Flash Component for Windows (x64) - MB006000GWKGR Drive, vHPG1 (B)
Online HDD/SDD Flash Component for Windows (x64) - MB008000GWRTC Drive, vHPG1 (B)
Online HDD/SDD Flash Component for Windows (x64) - MB010000GWAYN and MB008000GWAYL Drives, vHPG5 (C)
Online HDD/SDD Flash Component for Windows (x64) - MB012000GWDFF Drives, vHPG2 (C)
Online HDD/SDD Flash Component for Windows (x64) - MB014000GWRTN, MB012000GWRTL and MB010000GWRTK Drives, vHPG2 (B)
Online HDD/SDD Flash Component for Windows (x64) - MB014000GWUDA Drive, vHPG2 (B)
Online HDD/SDD Flash Component for Windows (x64) - MB1000GDUNU, MB2000GDUNV, MB3000GDUPA, and MB4000GDUPB Drives, vHPG4 (F)
Online HDD/SDD Flash Component for Windows (x64) - MB1000GVYZE, MB2000GVYZF, MB3000GVYZH, and MB4000GVYZK Drives, vHPG4 (F)
Online HDD/SDD Flash Component for Windows (x64) - MB2000GCWLT, MB3000GCWLU, and MB4000GCWLV Drives, vHPG4 (F)
Online HDD/SDD Flash Component for Windows (x64) - MB2000GFEMH and MB4000GFEMK Drives, vHPG6 (E)
Online HDD/SDD Flash Component for Windows (x64) - MB4000GEFNA and MB6000GEFNB Drives, vHPG6 (F)
Online HDD/SDD Flash Component for Windows (x64) - MB4000GEQNH and MB6000GEQNK Drives, vHPGB (E)
Online HDD/SDD Flash Component for Windows (x64) - MB6000GEBTP Drives, vHPG4 (E)
Online HDD/SDD Flash Component for Windows (x64) - MB6000GEQUT and MB8000GEQUU Drives, vHPGB (E)
Online HDD/SDD Flash Component for Windows (x64) - MB6000GEXXV Drives, vHPG2 (F)
Online HDD/SDD Flash Component for Windows (x64) - MB6000GVYYU Drives, vHPG2 (E)
Online HDD/SDD Flash Component for Windows (x64) - MB6000GVYZB and MB4000GVYZA Drives, vHPG4 (B)
Online HDD/SDD Flash Component for Windows (x64) - MB8000GFECR Drives, vHPG6 (B)
Online HDD/SDD Flash Component for Windows (x64) - MK000240GWCEU, MK000480GWCEV, MK000960GWCFB and MK001920GWCFB Drives, vHPG3 (C)
Online HDD/SDD Flash Component for Windows (x64) - MK003840GWHITE Drives, vHPG6 (B)
Online HDD/SDD Flash Component for Windows (x64) - MK0960GECQK Drives, vHPG3 (H)

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Online HDD/SDD Flash Component for Windows (x64) - MM1000GEFQV and MM2000GEFRA Drives, vHPG8 (D)
Online HDD/SDD Flash Component for Windows (x64) - MM1000GFJTE Drives, vHPG5 (B)
Online HDD/SDD Flash Component for Windows (x64) - MR000240GWFLU, MR000480GWFLV, VR000480GWFMD, MR000960GWFMA, VR000960GWFME, MR001920GWFMB and VR001920GWFMC Drives, vHPGE (B)
Online HDD/SDD Flash Component for Windows (x64) - VK000150GWCNN, VK000240GWCNP, VK000480GWCNQ, VK000960GWCNR and VK001600GWCNT Drives, vHPG1 (B)
Online HDD/SDD Flash Component for Windows (x64) - VK000240GWCDF, VK000480GWCDFE, VK000960GWCDF, VK001920GWCDFH and VK003840GWCDFK Drives, vHPG3 (C)
Online HDD/SDD Flash Component for Windows (x64) - VK000240GWEZB, VK000480GWEZC, VK000960GWEZD, VK001920GWEZE, MK000240GWEZF, MK000480GWEZH, MK000960GWEZK and MK001920GWHRU Drives, vHPGE (B)
Online HDD/SDD Flash Component for Windows (x64) - VK000240GWJPD, VK000480GWJPE, VK000960GWJPF, VK001920GWJPH, VK003840GWJPK, MK000240GWKVK, MK000480GWJPN, MK000960GWJPP and MK001920GWJQP Drives, vHPG5 (B)
Online HDD/SDD Flash Component for Windows (x64) - VK000240GWSRQ, VK000480GWSRR, VK000960GWSRT, VK001920GWSRU and VK003840GWSRV Drives, vHPG2 (B)
Online HDD/SDD Flash Component for Windows (x64) - VK000240GWTSV, VK000480GWTTA, VK000960GWTTB, VK001920GWTTT, VK003840GWTTD, MK000480GWTTT, MK000960GWTTK, MK001920GWTTL and MK003840GWTTN Drives, vHPG3 (B)
Online HDD/SDD Flash Component for Windows (x64) - VK000480GWSXF, VK000960GWSXH, VK001920GWSXK, MK000480GWUGF, MK000960GWUGH, MK001920GWUGK Drives, vHPG2 (B)
Online HDD/SDD Flash Component for Windows (x64) - VK000480GWTHA, VK000960GWTBH, VK001920GWTCH and VK003840GWTCHD Drives, vHPG1 (B)
Online HDD/SDD Flash Component for Windows (x64) - VK003840GWSXL Drive, vHPG2 (B)
Online HDD/SDD Flash Component for Windows (x64) - VK007680GWSXN Drive, vHPG2 (B)
Online HDD/SDD Flash Component for Windows (x64) - VK0120GFDKE, VK0240GFDKF, VK0480GFDKH, VK0960GFDKK, VK1920GFDKL, and VK3840GFDKN Drives, vHPG1 (E)
Online HDD/SDD Flash Component for Windows (x64) - VK0240GEPQN, VK0480GEPQP, and VK0960GEPQQ Drives, vHPG1 (E)
Online HDD/SDD Flash Component for Windows (x64) - VR000150GWEPP and VR000480GWEPR Drives, vHPG1 (C)
Online HDD/SDD Flash Component for Windows (x64) - XP0120GFJSL and XP0240GFJSN Drives, vHPS4 (E)
Online HDD/SDD Flash Component for VMware ESXi - MB6000GVYU Drives, vHPG2 (E)
<b>Software - System Management</b>
HPE Insight Management WBEM Providers for Windows Server x64 Editions, v10.75.0.0

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HPE MegaRAID Storage Administrator StorCLI for VMware, v1.25.12
<b>Firmware - PCIe NVMe Storage Disk</b>
Online NVMe SDD Flash Component for VMware ESXi - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives, vHPS1
Online NVMe SSD Flash Component for Linux (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN and VK001920KWDUH Drives, vHPK4 (C)
Online NVMe SSD Flash Component for Linux (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU and MT1600KEXUV Drives, vHPK4 (D)
Online NVMe SSD Flash Component for Linux (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWSJU, MO001600KWJSN and MO003200KWSJSQ Drives, vHPK1 (D)
Online NVMe SSD Flash Component for Linux (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR, and MS000800KWDUT Drives, vHPK4 (C)
Online NVMe SSD Flash Component for Linux (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives, vHPK2 (D)
Online NVMe SSD Flash Component for Linux (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB and LT2000KEXVC Drives, vHPK4 (D)
Online NVMe SSD Flash Component for Linux (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives, vHPS1 (C)
Online NVMe SSD Flash Component for Linux (x64) - VO0400KEFJB, VO1200KEFJC and VO2000KEFJD Drives, vHPK4 (D)
Online NVMe SSD Flash Component for VMware ESXi - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives, vHPK2
Online NVMe SSD Flash Component for VMware ESXi - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN, and VK001920KWDUH Drives, vHPK4
Online NVMe SSD Flash Component for VMware ESXi - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU, and MT1600KEXUV Drives,
Online NVMe SSD Flash Component for VMware ESXi - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWSJU, MO001600KWJSN and MO003200KWSJSQ Drives, vHPK1
Online NVMe SSD Flash Component for VMware ESXi - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR, and MS000800KWDUT Drives, vHPK4
Online NVMe SSD Flash Component for VMware ESXi - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives, vHPK4
Online NVMe SSD Flash Component for VMware ESXi - VO0400KEFJB, VO1200KEFJC, and VO2000KEFJD Drives, vHPK4
Online NVMe SSD Flash Component for Windows (x64) - ET000750KWJTF, EO000750KWTXC and EO000375KWJUC Drives, vHPK2
Online NVMe SSD Flash Component for Windows (x64) - MK000400KWDUK, VK000480KWDUE, MK000800KWDUL, VK000960KWDUF, MK001600KWDUN, and VK001920KWDUH Drives, vHPK4



## Service Pack for ProLiant, v2019.12.0 - Other Support

Online NVMe SSD Flash Component for Windows (x64) - MO0400KEFHN, MO0800KEFHP, MO1600KEFHQ, MO2000KEFHR, MT0800KEXUU, and MT1600KEXUV Drives, vHPK4
Online NVMe SSD Flash Component for Windows (x64) - MT001600KWHAC, MT003200KWHAD and MT006400KWHAE Drives, vHPS1
Online NVMe SSD Flash Component for Windows (x64) - VO001000KWJSE, VO002000KWJSF, VO004000KWJSH, VT004000KWJSU, MO001600KWJSN and MO003200KWJSQ Drives, vHPK1
Online NVMe SSD Flash Component for Windows (x64) - VS000480KWDUP, VS000960KWDUQ, MS000400KWDUR, and MS000800KWDUT Drives, vHPK4
Online NVMe SSD Flash Component for Windows (x64) - LO0400KEFJQ, LO0800KEFJR, LO1600KEFJT, LO2000KEFJU, LT0800KEXVA, LT1600KEXVB, and LT2000KEXVC Drives, vHPK4
Online NVMe SSD Flash Component for Windows (x64) - VO0400KEFJB, VO1200KEFJC, and VO2000KEFJD Drives, vHPK4

## Service Pack for ProLiant, v2019.12.0 - Windows Guide

	Microsoft Windows Server 2019	Microsoft Windows Server 2016	Microsoft Windows Server 2012 R2
<b>Apollo Servers</b>			
HPE Apollo 4200 Gen9 Server		✓	✓
<b>ProLiant BL Servers</b>			
HPE ProLiant BL460c Gen10 Server	✓	✓	✓
HPE ProLiant BL460c Gen9 Server	✓	✓	✓
HPE ProLiant BL660c Gen9 Server		✓	✓
<b>ProLiant BL Workstation Servers</b>			
HPE ProLiant WS460c Gen9 Graphics Server Blade		✓	✓
<b>ProLiant DL Servers</b>			
HPE ProLiant DL120 Gen9 Server		✓	✓
HPE ProLiant DL160 Gen10 Server	✓	✓	✓
HPE ProLiant DL160 Gen9 Server		✓	✓
HPE ProLiant DL180 Gen10 Server	✓	✓	✓
HPE ProLiant DL180 Gen9 Server		✓	✓
HPE ProLiant DL20 Gen10 Server	✓	✓	✓
HPE ProLiant DL20 Gen9 Server		✓	✓
HPE ProLiant DL325 Gen10 Plus Server	✓	✓	
HPE ProLiant DL325 Gen10 Server	✓	✓	✓
HPE ProLiant DL360 Gen10 Server	✓	✓	✓
HPE ProLiant DL360 Gen9 Server	✓	✓	✓
HPE ProLiant DL380 Gen10 Server	✓	✓	✓
HPE ProLiant DL380 Gen9 Server	✓	✓	✓
HPE ProLiant DL385 Gen10 Plus Server	✓	✓	
HPE ProLiant DL385 Gen10 Server	✓	✓	✓
HPE ProLiant DL560 Gen10 Server	✓	✓	✓
HPE ProLiant DL560 Gen9 Server		✓	✓
HPE ProLiant DL580 Gen10 Server	✓	✓	✓
HPE ProLiant DL580 Gen9 Server		✓	✓
HPE ProLiant DL60 Gen9 Server		✓	✓

## Service Pack for ProLiant, v2019.12.0 - Windows Guide

	Microsoft Windows Server 2019	Microsoft Windows Server 2016	Microsoft Windows Server 2012 R2
HPE ProLiant DL80 Gen9 Server		✓	✓
<b>ProLiant MicroServers</b>			
HPE ProLiant Thin Micro TM200 Server		✓	✓
<b>ProLiant ML Server</b>			
HPE ProLiant ML110 Gen10 Server	✓	✓	✓
HPE ProLiant ML110 Gen9 Server		✓	✓
HPE ProLiant ML150 Gen9 Server		✓	✓
HPE ProLiant ML30 Gen10 Server	✓	✓	
HPE ProLiant ML30 Gen9 Server		✓	✓
HPE ProLiant ML350 Gen10 Server	✓	✓	✓
HPE ProLiant ML350 Gen9 Server		✓	✓
<b>ProLiant XL Servers</b>			
HPE ProLiant XL170r Gen10 Server	✓	✓	✓
HPE ProLiant XL170r Gen9 Server		✓	✓
HPE ProLiant XL190r Gen10 Server	✓	✓	✓
HPE ProLiant XL190r Gen9 Server		✓	✓
HPE ProLiant XL230a Gen9 Server		✓	✓
HPE ProLiant XL230k Gen10 Server	✓	✓	✓
HPE ProLiant XL250a Gen9 Server		✓	✓
HPE ProLiant XL270d Gen10 Server	✓	✓	
HPE ProLiant XL270d Gen9 Server		✓	✓
HPE ProLiant XL420 Gen10 Server		✓	
HPE ProLiant XL450 Gen10 Server	✓	✓	✓
HPE ProLiant XL450 Gen9 Server		✓	✓

Service Pack for ProLiant, v2019.12.0 - RHEL Guide		Red Hat Enterprise Linux 8 Server	Red Hat Enterprise Linux 7 Server
<b>Apollo Servers</b>			
HPE Apollo 4200 Gen9 Server			✓
<b>ProLiant BL Servers</b>			
HPE ProLiant BL460c Gen10 Server		✓	✓
HPE ProLiant BL460c Gen9 Server		✓	✓
HPE ProLiant BL660c Gen9 Server			✓
<b>ProLiant BL Workstation Servers</b>			
HPE ProLiant WS460c Gen9 Graphics Server Blade		✓	✓
<b>ProLiant DL Servers</b>			
HPE ProLiant DL120 Gen9 Server			✓
HPE ProLiant DL160 Gen10 Server		✓	✓
HPE ProLiant DL160 Gen9 Server			✓
HPE ProLiant DL180 Gen10 Server		✓	✓
HPE ProLiant DL180 Gen9 Server			✓
HPE ProLiant DL20 Gen10 Server		✓	✓
HPE ProLiant DL20 Gen9 Server			✓
HPE ProLiant DL325 Gen10 Plus Server		✓	✓
HPE ProLiant DL325 Gen10 Server		✓	✓
HPE ProLiant DL360 Gen10 Server		✓	✓
HPE ProLiant DL360 Gen9 Server		✓	✓
HPE ProLiant DL380 Gen10 Server		✓	✓
HPE ProLiant DL380 Gen9 Server		✓	✓
HPE ProLiant DL385 Gen10 Plus Server		✓	✓
HPE ProLiant DL385 Gen10 Server		✓	✓
HPE ProLiant DL560 Gen10 Server		✓	✓
HPE ProLiant DL560 Gen9 Server			✓
HPE ProLiant DL580 Gen10 Server		✓	✓
HPE ProLiant DL580 Gen9 Server			✓
HPE ProLiant DL60 Gen9 Server			✓

Service Pack for ProLiant, v2019.12.0 - RHEL Guide		Red Hat Enterprise Linux 8 Server	Red Hat Enterprise Linux 7 Server
HPE ProLiant DL80 Gen9 Server			✓
<b>ProLiant MicroServers</b>			
HPE ProLiant Thin Micro TM200 Server			✓
<b>ProLiant ML Server</b>			
HPE ProLiant ML110 Gen10 Server		✓	✓
HPE ProLiant ML110 Gen9 Server			✓
HPE ProLiant ML150 Gen9 Server			✓
HPE ProLiant ML30 Gen10 Server		✓	✓
HPE ProLiant ML30 Gen9 Server			✓
HPE ProLiant ML350 Gen10 Server		✓	✓
HPE ProLiant ML350 Gen9 Server			✓
<b>ProLiant XL Servers</b>			
HP ProLiant XL740f Gen9 Server			✓
HP ProLiant XL750f Gen9 Server			✓
HPE ProLiant XL170r Gen10 Server		✓	✓
HPE ProLiant XL170r Gen9 Server			✓
HPE ProLiant XL190r Gen10 Server		✓	✓
HPE ProLiant XL190r Gen9 Server			✓
HPE ProLiant XL230a Gen9 Server			✓
HPE ProLiant XL230k Gen10 Server			✓
HPE ProLiant XL250a Gen9 Server			✓
HPE ProLiant XL260a Gen9 Server			✓
HPE ProLiant XL270d Gen10 Server			✓
HPE ProLiant XL270d Gen9 Server			✓
HPE ProLiant XL2x260w Server			✓
HPE ProLiant XL420 Gen10 Server			✓
HPE ProLiant XL450 Gen10 Server			✓
HPE ProLiant XL450 Gen9 Server			✓
HPE ProLiant XL730f Gen9 Server			✓

## Service Pack for ProLiant, v2019.12.0 - RHEL Guide

Red Hat Enterprise Linux 8 Server  
Red Hat Enterprise Linux 7 Server

Service Pack for ProLiant, v2019.12.0 - SUSE Guide		SUSE Linux Enterprise Server 15	SUSE Linux Enterprise Server 12
<b>Apollo Servers</b>			
HPE Apollo 4200 Gen9 Server			✓
<b>ProLiant BL Servers</b>			
HPE ProLiant BL460c Gen10 Server		✓	✓
HPE ProLiant BL460c Gen9 Server		✓	✓
HPE ProLiant BL660c Gen9 Server			✓
<b>ProLiant DL Servers</b>			
HPE ProLiant DL120 Gen9 Server			✓
HPE ProLiant DL160 Gen10 Server		✓	✓
HPE ProLiant DL160 Gen9 Server			✓
HPE ProLiant DL180 Gen10 Server		✓	✓
HPE ProLiant DL180 Gen9 Server			✓
HPE ProLiant DL20 Gen10 Server		✓	✓
HPE ProLiant DL20 Gen9 Server			✓
HPE ProLiant DL325 Gen10 Plus Server		✓	✓
HPE ProLiant DL325 Gen10 Server		✓	✓
HPE ProLiant DL360 Gen10 Server		✓	✓
HPE ProLiant DL360 Gen9 Server		✓	✓
HPE ProLiant DL380 Gen10 Server		✓	✓
HPE ProLiant DL380 Gen9 Server		✓	✓
HPE ProLiant DL385 Gen10 Plus Server		✓	✓
HPE ProLiant DL385 Gen10 Server		✓	✓
HPE ProLiant DL560 Gen10 Server		✓	✓
HPE ProLiant DL560 Gen9 Server			✓
HPE ProLiant DL580 Gen10 Server		✓	✓
HPE ProLiant DL580 Gen9 Server			✓
HPE ProLiant DL60 Gen9 Server			✓
HPE ProLiant DL80 Gen9 Server			✓
<b>ProLiant MicroServers</b>			

Service Pack for ProLiant, v2019.12.0 - SUSE Guide		
	SUSE Linux Enterprise Server 15	SUSE Linux Enterprise Server 12
HPE ProLiant Thin Micro TM200 Server		✓
<b>ProLiant ML Server</b>		
HPE ProLiant ML110 Gen10 Server	✓	✓
HPE ProLiant ML110 Gen9 Server		✓
HPE ProLiant ML150 Gen9 Server		✓
HPE ProLiant ML30 Gen10 Server	✓	✓
HPE ProLiant ML30 Gen9 Server		✓
HPE ProLiant ML350 Gen10 Server	✓	✓
HPE ProLiant ML350 Gen9 Server		✓
<b>ProLiant XL Servers</b>		
HP ProLiant XL740f Gen9 Server		✓
HP ProLiant XL750f Gen9 Server		✓
HPE ProLiant XL170r Gen10 Server	✓	✓
HPE ProLiant XL170r Gen9 Server		✓
HPE ProLiant XL190r Gen10 Server	✓	✓
HPE ProLiant XL190r Gen9 Server		✓
HPE ProLiant XL230a Gen9 Server		✓
HPE ProLiant XL230k Gen10 Server	✓	✓
HPE ProLiant XL250a Gen9 Server		✓
HPE ProLiant XL260a Gen9 Server		✓
HPE ProLiant XL270d Gen10 Server	✓	✓
HPE ProLiant XL270d Gen9 Server		✓
HPE ProLiant XL2x260w Server		✓
HPE ProLiant XL450 Gen10 Server	✓	✓
HPE ProLiant XL450 Gen9 Server		✓
HPE ProLiant XL730f Gen9 Server		✓



## Service Pack for ProLiant, v2019.12.0 - VMware Guide

VMware vSphere 6.7  
VMware vSphere 6.5

### Apollo Servers

HPE Apollo 4200 Gen9 Server

✓

### ProLiant BL Servers

HPE ProLiant BL460c Gen10 Server

✓ ✓

HPE ProLiant BL460c Gen9 Server

✓ ✓

HPE ProLiant BL660c Gen9 Server

✓

### ProLiant DL Servers

HPE ProLiant DL120 Gen9 Server

✓

HPE ProLiant DL160 Gen10 Server

✓ ✓

HPE ProLiant DL160 Gen9 Server

✓

HPE ProLiant DL180 Gen10 Server

✓ ✓

HPE ProLiant DL180 Gen9 Server

✓

HPE ProLiant DL20 Gen10 Server

✓ ✓

HPE ProLiant DL20 Gen9 Server

✓

HPE ProLiant DL325 Gen10 Plus Server

✓ ✓

HPE ProLiant DL325 Gen10 Server

✓ ✓

HPE ProLiant DL360 Gen10 Server

✓ ✓

HPE ProLiant DL360 Gen9 Server

✓ ✓

HPE ProLiant DL380 Gen10 Server

✓ ✓

HPE ProLiant DL380 Gen9 Server

✓ ✓

HPE ProLiant DL385 Gen10 Plus Server

✓ ✓

HPE ProLiant DL385 Gen10 Server

✓ ✓

HPE ProLiant DL560 Gen10 Server

✓ ✓

HPE ProLiant DL560 Gen9 Server

✓ ✓

HPE ProLiant DL580 Gen10 Server

✓ ✓

HPE ProLiant DL580 Gen9 Server

✓ ✓

HPE ProLiant DL60 Gen9 Server

✓

HPE ProLiant DL80 Gen9 Server

✓

### ProLiant ML Server

Service Pack for ProLiant, v2019.12.0 - VMware Guide		
	VMware vSphere 6.7	VMware vSphere 6.5
HPE ProLiant ML110 Gen10 Server	✓	✓
HPE ProLiant ML110 Gen9 Server		✓
HPE ProLiant ML150 Gen9 Server		✓
HPE ProLiant ML30 Gen10 Server	✓	✓
HPE ProLiant ML30 Gen9 Server		✓
HPE ProLiant ML350 Gen10 Server	✓	✓
HPE ProLiant ML350 Gen9 Server		✓
<b>ProLiant XL Servers</b>		
HPE ProLiant XL170r Gen10 Server	✓	✓
HPE ProLiant XL170r Gen9 Server	✓	✓
HPE ProLiant XL190r Gen10 Server	✓	✓
HPE ProLiant XL190r Gen9 Server	✓	✓
HPE ProLiant XL230a Gen9 Server		✓
HPE ProLiant XL230k Gen10 Server	✓	✓
HPE ProLiant XL250a Gen9 Server		✓
HPE ProLiant XL270d Gen10 Server	✓	✓
HPE ProLiant XL420 Gen10 Server	✓	✓
HPE ProLiant XL450 Gen10 Server		✓
HPE ProLiant XL450 Gen9 Server		✓