

Lifecycle Controller Operating System Driver Pack

Version 18.12.04 Reference Guide

Notes, cautions, and warnings

 **NOTE:** A NOTE indicates important information that helps you make better use of your product.

 **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

 **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

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Overview

The Lifecycle Controller OS Driver Pack Reference Guide provides information about the operating systems (Windows and Linux) that are compatible with the driver pack for a specific Dell 13th generation PowerEdge server. The driver pack contains the drivers needed for OS deployment using Lifecycle Controller. For information on OS deployment, see the Lifecycle Controller User's Guide available at dell.com/esmmanuals.

PowerEdge C6320p

Table 1. Details of PowerEdge C6320p server

Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 R2 64-bit	Express Flash PCIe SSD	SAMSUNG:Dell PowerEdge Express Flash NVMe PCIe SSD	2.0.8.1611
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Intel NIC Family Version 18.8.0 Drivers	18.8.0
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	Intel NIC Family Version 18.8.0 Linux Base Drivers - RPM Install	18.8.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Mellanox ConnectX-3 and ConnectX-3 Pro Ethernet adapters	5.50.14643.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Mellanox ConnectX-4 Lx, ConnectX-4 and ConnectX-5 Ex Ethernet adapters	2.0.19824.0
Red Hat Enterprise Linux 6.10 64-bit	System Utilities	RHEL 6.10 64 bit UPDATE	0
Red Hat Enterprise Linux 7.5 64-bit	System Utilities	RHEL 7.5 64 bit UPDATE	0
SUSE Linux Enterprise Server 15 64-bit	System Utilities	SLES UPDATE	0

PowerEdge FC430

Table 2. Details of PowerEdge FC430 server

Operating System	Component	Device Name	Vendor Revision
Windows Server 2019 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.17809.8096
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.2.85
Windows Server 2012 R2 64-bit	Express Flash PCIe SSD	SAMSUNG:Dell PowerEdge Express Flash NVMe PCIe SSD	2.0.8.1611
Windows Server 2019 64-bit Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Fibre Channel	AVAGO TECHNOLOGIES:Emulex Fibre Channel Adapter Drivers and Software Application	10.0.4
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Fibre Channel	AVAGO TECHNOLOGIES:Emulex Fibre Channel Adapter Linux Drivers	10.0.4
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.40.1
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet adapters	21.40.16.10
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Emulex Network Adapter Drivers and Software Application	9.2.3
Red Hat Enterprise Linux 7.5 64-bit	Network	FOXCONN	34.07.00.09

Operating System	Component	Device Name	Vendor Revision
Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit		QLOGIC:Network and Fibre Channel Adapters	
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	FOXCONN QLOGIC:QLogic 578xx Adapters 64bit Windows drivers	34.07.00
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Intel NIC Family Version 18.8.0 Drivers	18.8.0
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	Intel NIC Family Version 18.8.0 Linux Base Drivers - RPM Install	18.8.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Mellanox ConnectX-3 and ConnectX-3 Pro Ethernet adapters	5.50.14643.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Mellanox ConnectX-4 Lx, ConnectX-4 and ConnectX-5 Ex Ethernet adapters	2.0.19824.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	QLogic FastLinQ QL41xxx,45xxx Adapters 64 bits Windows Drivers	34.07.00
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	2.51.25.01
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	27.00.01.00
Red Hat Enterprise Linux 6.10 64-bit	SAS RAID	INVENTEC:Dell PERC /H330/H730/H730P/H830/H740P/H840/H745P MX/H730P MX RAID Controllers	07.705.05.00
Red Hat Enterprise Linux 7.5 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/H730P/H830/H740/H840/FD33xS/FD33xD Controllers/H745P MX/H730P MX	07.705.05.00
SUSE Linux Enterprise Server 15 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/H730P/H830/H740/H840/FD33xS/FD33xD Controllers/H745P MX/H730P MX	7.705.06.00

Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS RAID	PERC H330/H730/H730P/H830/ H730P MX/FD33xD/FD33xS Controllers	6.604.06.00
Windows Server 2019 64-bit Windows Server 2019 64-bit	SAS RAID	PERC S130 Controller	4.3.0.0006
Windows Server 2012 R2 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit	SAS RAID	PERC S130 Controller	4.3.0-0003
Red Hat Enterprise Linux 6.10 64-bit	System Utilities	RHEL 6.10 64 bit UPDATE	0
Red Hat Enterprise Linux 7.5 64-bit	System Utilities	RHEL 7.5 64 bit UPDATE	0
SUSE Linux Enterprise Server 15 64-bit	System Utilities	SLES UPDATE	0

PowerEdge FC830

Table 3. Details of PowerEdge FC830 server

Operating System	Component	Device Name	Vendor Revision
Windows Server 2019 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.17809.8096
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.2.85
Windows Server 2012 R2 64-bit	Express Flash PCIe SSD	SAMSUNG:Dell PowerEdge Express Flash NVMe PCIe SSD	2.0.8.1611
Windows Server 2019 64-bit Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Fibre Channel	AVAGO TECHNOLOGIES:Emulex Fibre Channel Adapter Drivers and Software Application	10.0.4
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Fibre Channel	AVAGO TECHNOLOGIES:Emulex Fibre Channel Adapter Linux Drivers	10.0.4
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.40.1
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet adapters	21.40.16.10
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Emulex Network Adapter Drivers and Software Application	9.2.3
Red Hat Enterprise Linux 7.5 64-bit	Network	FOXCONN	34.07.00.09

Operating System	Component	Device Name	Vendor Revision
Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit		QLOGIC:Network and Fibre Channel Adapters	
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	FOXCONN QLOGIC:QLogic 578xx Adapters 64bit Windows drivers	34.07.00
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Intel NIC Family Version 18.8.0 Drivers	18.8.0
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	Intel NIC Family Version 18.8.0 Linux Base Drivers - RPM Install	18.8.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Mellanox ConnectX-3 and ConnectX-3 Pro Ethernet adapters	5.50.14643.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Mellanox ConnectX-4 Lx, ConnectX-4 and ConnectX-5 Ex Ethernet adapters	2.0.19824.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	QLogic FastLinQ QL41xxx,45xxx Adapters 64 bits Windows Drivers	34.07.00
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	2.51.25.01
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	27.00.01.00
Red Hat Enterprise Linux 6.10 64-bit	SAS RAID	INVENTEC:Dell PERC /H330/H730/H730P/H830/H740P/H840/H745P MX/H730P MX RAID Controllers	07.705.05.00
Red Hat Enterprise Linux 7.5 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/H730P/H830/H740/H840/FD33xS/FD33xD Controllers/H745P MX/H730P MX	07.705.05.00
SUSE Linux Enterprise Server 15 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/H730P/H830/H740/H840/FD33xS/FD33xD Controllers/H745P MX/H730P MX	7.705.06.00

Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS RAID	PERC H330/H730/H730P/H830/ H730P MX/FD33xD/FD33xS Controllers	6.604.06.00
Windows Server 2019 64-bit Windows Server 2019 64-bit	SAS RAID	PERC S130 Controller	4.3.0.0006
Windows Server 2012 R2 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit	SAS RAID	PERC S130 Controller	4.3.0-0003
Red Hat Enterprise Linux 6.10 64-bit	System Utilities	RHEL 6.10 64 bit UPDATE	0
Red Hat Enterprise Linux 7.5 64-bit	System Utilities	RHEL 7.5 64 bit UPDATE	0
SUSE Linux Enterprise Server 15 64-bit	System Utilities	SLES UPDATE	0

PowerEdge M830

Table 4. Details of PowerEdge M830 server

Operating System	Component	Device Name	Vendor Revision
Windows Server 2019 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.17809.8096
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.2.85
Windows Server 2012 R2 64-bit	Express Flash PCIe SSD	SAMSUNG:Dell PowerEdge Express Flash NVMe PCIe SSD	2.0.8.1611
Windows Server 2019 64-bit Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Fibre Channel	AVAGO TECHNOLOGIES:Emulex Fibre Channel Adapter Drivers and Software Application	10.0.4
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Fibre Channel	AVAGO TECHNOLOGIES:Emulex Fibre Channel Adapter Linux Drivers	10.0.4
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.40.1
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet adapters	21.40.16.10
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Emulex Network Adapter Drivers and Software Application	9.2.3
Red Hat Enterprise Linux 7.5 64-bit	Network	FOXCONN	34.07.00.09

Operating System	Component	Device Name	Vendor Revision
Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit		QLOGIC:Network and Fibre Channel Adapters	
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	FOXCONN QLOGIC:QLogic 578xx Adapters 64bit Windows drivers	34.07.00
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Intel NIC Family Version 18.8.0 Drivers	18.8.0
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	Intel NIC Family Version 18.8.0 Linux Base Drivers - RPM Install	18.8.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Mellanox ConnectX-3 and ConnectX-3 Pro Ethernet adapters	5.50.14643.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	QLogic FastLinQ QL41xxx,45xxx Adapters 64 bits Windows Drivers	34.07.00
Windows Server 2016 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	2.51.25.01
Red Hat Enterprise Linux 6.10 64-bit	SAS RAID	INVENTEC:Dell PERC /H330/H730/H730P/H830/H740P/H840/H745P MX/H730P MX RAID Controllers	07.705.05.00
Red Hat Enterprise Linux 7.5 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/H730P/H830/H740/H840/FD33xS/FD33xD Controllers/H745P MX/H730P MX	07.705.05.00
SUSE Linux Enterprise Server 15 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/H730P/H830/H740/H840/FD33xS/FD33xD Controllers/H745P MX/H730P MX	7.705.06.00
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS RAID	PERC H330/H730/H730P/H830/H730P MX/FD33xD/FD33xS Controllers	6.604.06.00
Windows Server 2019 64-bit Windows Server 2019 64-bit	SAS RAID	PERC S130 Controller	4.3.0.0006
Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS RAID	PERC S130 Controller	4.3.0-0003

Operating System	Component	Device Name	Vendor Revision
Windows Server 2016 64-bit Windows Server 2016 64-bit			
Red Hat Enterprise Linux 6.10 64-bit	System Utilities	RHEL 6.10 64 bit UPDATE	0
Red Hat Enterprise Linux 7.5 64-bit	System Utilities	RHEL 7.5 64 bit UPDATE	0
SUSE Linux Enterprise Server 15 64-bit	System Utilities	SLES UPDATE	0

PowerEdge M830 VRTX

Table 5. Details of PowerEdge M830 VRTX server

Operating System	Component	Device Name	Vendor Revision
Windows Server 2019 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.17809.8096
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.2.85
Windows Server 2012 R2 64-bit	Express Flash PCIe SSD	SAMSUNG:Dell PowerEdge Express Flash NVMe PCIe SSD	2.0.8.1611
Windows Server 2019 64-bit Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Fibre Channel	AVAGO TECHNOLOGIES:Emulex Fibre Channel Adapter Drivers and Software Application	10.0.4
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Fibre Channel	AVAGO TECHNOLOGIES:Emulex Fibre Channel Adapter Linux Drivers	10.0.4
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.40.1
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet adapters	21.40.16.10
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Emulex Network Adapter Drivers and Software Application	9.2.3
Red Hat Enterprise Linux 7.5 64-bit	Network	FOXCONN	34.07.00.09

Operating System	Component	Device Name	Vendor Revision
Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit		QLOGIC:Network and Fibre Channel Adapters	
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	FOXCONN QLOGIC:QLogic 578xx Adapters 64bit Windows drivers	34.07.00
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Intel NIC Family Version 18.8.0 Drivers	18.8.0
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	Intel NIC Family Version 18.8.0 Linux Base Drivers - RPM Install	18.8.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	QLogic FastLinQ QL41xxx,45xxx Adapters 64 bits Windows Drivers	34.07.00
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	2.51.25.01
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	27.00.01.00
Windows Server 2012 R2 64-bit	SAS Non-RAID	H200 / Internal Tape Adapter / 6GBPS SAS HBA version 2.0.72.01	2.0.72.01
Red Hat Enterprise Linux 6.10 64-bit	SAS RAID	INVENTEC:Dell PERC /H330/ H730/H730P/H830/H740P/H840/ H745P MX/H730P MX RAID Controllers	07.705.05.00
Red Hat Enterprise Linux 7.5 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/ H730P/H830/H740/H840/ FD33xS/FD33xD Controllers/ H745P MX/H730P MX	07.705.05.00
SUSE Linux Enterprise Server 15 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/ H730P/H830/H740/H840/ FD33xS/FD33xD Controllers/ H745P MX/H730P MX	7.705.06.00
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS RAID	PERC H330/H730/H730P/H830/ H730P MX/FD33xD/FD33xS Controllers	6.604.06.00

Operating System	Component	Device Name	Vendor Revision
Windows Server 2019 64-bit Windows Server 2019 64-bit	SAS RAID	PERC S130 Controller	4.3.0.0006
Windows Server 2012 R2 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit	SAS RAID	PERC S130 Controller	4.3.0-0003
Red Hat Enterprise Linux 6.10 64-bit	System Utilities	RHEL 6.10 64 bit UPDATE	0
Red Hat Enterprise Linux 7.5 64-bit	System Utilities	RHEL 7.5 64 bit UPDATE	0
SUSE Linux Enterprise Server 15 64-bit	System Utilities	SLES UPDATE	0

PowerEdge R230

Table 6. Details of PowerEdge R230 server

Operating System	Component	Device Name	Vendor Revision
Windows Server 2019 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.17809.8096
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.2.85
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.40.1
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet adapters	21.40.16.10
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Intel NIC Family Version 18.8.0 Drivers	18.8.0
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	Intel NIC Family Version 18.8.0 Linux Base Drivers - RPM Install	18.8.0
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	2.51.25.01
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	27.00.01.00

Operating System	Component	Device Name	Vendor Revision
Red Hat Enterprise Linux 6.10 64-bit	SAS RAID	INVENTEC:Dell PERC /H330/ H730/H730P/H830/H740P/H840/ H745P MX/H730P MX RAID Controllers	07.705.05.00
Red Hat Enterprise Linux 7.5 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/ H730P/H830/H740/H840/ FD33xS/FD33xD Controllers/ H745P MX/H730P MX	07.705.05.00
SUSE Linux Enterprise Server 15 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/ H730P/H830/H740/H840/ FD33xS/FD33xD Controllers/ H745P MX/H730P MX	7.705.06.00
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS RAID	PERC H330/H730/H730P/H830/ H730P MX/FD33xD/FD33xS Controllers	6.604.06.00
Windows Server 2019 64-bit Windows Server 2019 64-bit	SAS RAID	PERC S130 Controller	4.3.0.0006
Windows Server 2012 R2 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit	SAS RAID	PERC S130 Controller	4.3.0-0003
Red Hat Enterprise Linux 6.10 64-bit	System Utilities	RHEL 6.10 64 bit UPDATE	0
Red Hat Enterprise Linux 7.5 64-bit	System Utilities	RHEL 7.5 64 bit UPDATE	0
SUSE Linux Enterprise Server 15 64-bit	System Utilities	SLES UPDATE	0

PowerEdge R330

Table 7. Details of PowerEdge R330 server

Operating System	Component	Device Name	Vendor Revision
Windows Server 2019 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.17809.8096
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.2.85
Windows Server 2019 64-bit Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Fibre Channel	AVAGO TECHNOLOGIES:Emulex Fibre Channel Adapter Drivers and Software Application	10.0.4
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Fibre Channel	AVAGO TECHNOLOGIES:Emulex Fibre Channel Adapter Linux Drivers	10.0.4
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.40.1
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet adapters	21.40.16.10
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet, 21.4	21.4
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	FOXCONN QLOGIC:Network and Fibre Channel Adapters	34.07.00.09
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	FOXCONN	34.07.00

Operating System	Component	Device Name	Vendor Revision
		QLOGIC:QLogic 578xx Adapters 64bit Windows drivers	
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Intel NIC Family Version 18.8.0 Drivers	18.8.0
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	Intel NIC Family Version 18.8.0 Linux Base Drivers - RPM Install	18.8.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	QLogic FastLinQ QL41xxx,45xxx Adapters 64 bits Windows Drivers	34.07.00
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	2.51.25.01
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	27.00.01.00
Red Hat Enterprise Linux 6.10 64-bit	SAS RAID	INVENTEC:Dell PERC /H330/ H730/H730P/H830/H740P/H840/ H745P MX/H730P MX RAID Controllers	07.705.05.00
Red Hat Enterprise Linux 7.5 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/ H730P/H830/H740/H840/ FD33xS/FD33xD Controllers/ H745P MX/H730P MX	07.705.05.00
SUSE Linux Enterprise Server 15 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/ H730P/H830/H740/H840/ FD33xS/FD33xD Controllers/ H745P MX/H730P MX	7.705.06.00
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS RAID	PERC H330/H730/H730P/H830/ H730P MX/FD33xD/FD33xS Controllers	6.604.06.00
Windows Server 2019 64-bit Windows Server 2019 64-bit	SAS RAID	PERC S130 Controller	4.3.0.0006
Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS RAID	PERC S130 Controller	4.3.0-0003

Operating System	Component	Device Name	Vendor Revision
Windows Server 2016 64-bit Windows Server 2016 64-bit			
Red Hat Enterprise Linux 6.10 64-bit	System Utilities	RHEL 6.10 64 bit UPDATE	0
Red Hat Enterprise Linux 7.5 64-bit	System Utilities	RHEL 7.5 64 bit UPDATE	0
SUSE Linux Enterprise Server 15 64-bit	System Utilities	SLES UPDATE	0

PowerEdge R430

Table 8. Details of PowerEdge R430 server

Operating System	Component	Device Name	Vendor Revision
Windows Server 2019 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.17809.8096
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.2.85
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Fibre Channel	AVAGO TECHNOLOGIES:Emulex Fibre Channel Adapter Linux Drivers	10.0.4
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.40.1
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet adapters	21.40.16.10
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Emulex Network Adapter Drivers and Software Application	9.2.3
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	FOXCONN QLOGIC:Network and Fibre Channel Adapters	34.07.00.09
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	FOXCONN QLOGIC:QLogic 578xx Adapters 64bit Windows drivers	34.07.00

Operating System	Component	Device Name	Vendor Revision
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Intel NIC Family Version 18.8.0 Drivers	18.8.0
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	Intel NIC Family Version 18.8.0 Linux Base Drivers - RPM Install	18.8.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Mellanox ConnectX-3 and ConnectX-3 Pro Ethernet adapters	5.50.14643.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Mellanox ConnectX-4 Lx, ConnectX-4 and ConnectX-5 Ex Ethernet adapters	2.0.19824.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	QLogic FastLinQ QL41xxx,45xxx Adapters 64 bits Windows Drivers	34.07.00
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	2.51.25.01
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	27.00.01.00
Red Hat Enterprise Linux 6.10 64-bit	SAS RAID	INVENTEC:Dell PERC /H330/H730/H730P/H830/H740P/H840/H745P MX/H730P MX RAID Controllers	07.705.05.00
Red Hat Enterprise Linux 7.5 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/H730P/H830/H740/H840/FD33xS/FD33xD Controllers/H745P MX/H730P MX	07.705.05.00
SUSE Linux Enterprise Server 15 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/H730P/H830/H740/H840/FD33xS/FD33xD Controllers/H745P MX/H730P MX	7.705.06.00
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS RAID	PERC H330/H730/H730P/H830/H730P MX/FD33xD/FD33xS Controllers	6.604.06.00
Windows Server 2019 64-bit Windows Server 2019 64-bit	SAS RAID	PERC S130 Controller	4.3.0.0006

Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 R2 64-bit	SAS RAID	PERC S130 Controller	4.3.0-0003
Windows Server 2016 64-bit			
Windows Server 2016 64-bit			
Windows Server 2016 64-bit			
Red Hat Enterprise Linux 6.10 64-bit	System Utilities	RHEL 6.10 64 bit UPDATE	0
Red Hat Enterprise Linux 7.5 64-bit	System Utilities	RHEL 7.5 64 bit UPDATE	0
SUSE Linux Enterprise Server 15 64-bit	System Utilities	SLES UPDATE	0

PowerEdge R630

Table 9. Details of PowerEdge R630 server

Operating System	Component	Device Name	Vendor Revision
Windows Server 2019 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.17809.8096
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.2.85
Windows Server 2012 R2 64-bit	Express Flash PCIe SSD	SAMSUNG:Dell PowerEdge Express Flash NVMe PCIe SSD	2.0.8.1611
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Fibre Channel	AVAGO TECHNOLOGIES:Emulex Fibre Channel Adapter Linux Drivers	10.0.4
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.40.1
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet adapters	21.40.16.10
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Emulex Network Adapter Drivers and Software Application	9.2.3
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	FOXCONN QLOGIC:Network and Fibre Channel Adapters	34.07.00.09
Windows Server 2016 64-bit	Network	FOXCONN	34.07.00

Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 R2 64-bit		QLOGIC:QLogic 578xx Adapters 64bit Windows drivers	
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Intel NIC Family Version 18.8.0 Drivers	18.8.0
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	Intel NIC Family Version 18.8.0 Linux Base Drivers - RPM Install	18.8.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Mellanox ConnectX-3 and ConnectX-3 Pro Ethernet adapters	5.50.14643.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Mellanox ConnectX-4 Lx, ConnectX-4 and ConnectX-5 Ex Ethernet adapters	2.0.19824.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	QLogic FastLinQ QL41xxx,45xxx Adapters 64 bits Windows Drivers	34.07.00
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	2.51.25.01
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	27.00.01.00
Red Hat Enterprise Linux 6.10 64-bit	SAS RAID	INVENTEC:Dell PERC /H330/ H730/H730P/H830/H740P/H840/ H745P MX/H730P MX RAID Controllers	07.705.05.00
Red Hat Enterprise Linux 7.5 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/ H730P/H830/H740/H840/ FD33xS/FD33xD Controllers/ H745P MX/H730P MX	07.705.05.00
SUSE Linux Enterprise Server 15 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/ H730P/H830/H740/H840/ FD33xS/FD33xD Controllers/ H745P MX/H730P MX	7.705.06.00
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS RAID	PERC H330/H730/H730P/H830/ H730P MX/FD33xD/FD33xS Controllers	6.604.06.00

Operating System	Component	Device Name	Vendor Revision
Windows Server 2019 64-bit Windows Server 2019 64-bit	SAS RAID	PERC S130 Controller	4.3.0.0006
Windows Server 2012 R2 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit	SAS RAID	PERC S130 Controller	4.3.0-0003
Red Hat Enterprise Linux 6.10 64-bit	System Utilities	RHEL 6.10 64 bit UPDATE	0
Red Hat Enterprise Linux 7.5 64-bit	System Utilities	RHEL 7.5 64 bit UPDATE	0
SUSE Linux Enterprise Server 15 64-bit	System Utilities	SLES UPDATE	0

PowerEdge R730

Table 10. Details of PowerEdge R730 server

Operating System	Component	Device Name	Vendor Revision
Windows Server 2019 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.17809.8096
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.2.85
Windows Server 2012 R2 64-bit	Express Flash PCIe SSD	SAMSUNG:Dell PowerEdge Express Flash NVMe PCIe SSD	2.0.8.1611
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Fibre Channel	AVAGO TECHNOLOGIES:Emulex Fibre Channel Adapter Linux Drivers	10.0.4
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.40.1
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet adapters	21.40.16.10
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Emulex Network Adapter Drivers and Software Application	9.2.3
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	FOXCONN QLOGIC:Network and Fibre Channel Adapters	34.07.00.09
Windows Server 2016 64-bit	Network	FOXCONN	34.07.00

Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 R2 64-bit		QLOGIC:QLogic 578xx Adapters 64bit Windows drivers	
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Intel NIC Family Version 18.8.0 Drivers	18.8.0
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	Intel NIC Family Version 18.8.0 Linux Base Drivers - RPM Install	18.8.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Mellanox ConnectX-3 and ConnectX-3 Pro Ethernet adapters	5.50.14643.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Mellanox ConnectX-4 Lx, ConnectX-4 and ConnectX-5 Ex Ethernet adapters	2.0.19824.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	QLogic FastLinQ QL41xxx,45xxx Adapters 64 bits Windows Drivers	34.07.00
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	2.51.25.01
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	27.00.01.00
Red Hat Enterprise Linux 6.10 64-bit	SAS RAID	INVENTEC:Dell PERC /H330/ H730/H730P/H830/H740P/H840/ H745P MX/H730P MX RAID Controllers	07.705.05.00
Red Hat Enterprise Linux 7.5 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/ H730P/H830/H740/H840/ FD33xS/FD33xD Controllers/ H745P MX/H730P MX	07.705.05.00
SUSE Linux Enterprise Server 15 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/ H730P/H830/H740/H840/ FD33xS/FD33xD Controllers/ H745P MX/H730P MX	7.705.06.00
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS RAID	PERC H330/H730/H730P/H830/ H730P MX/FD33xD/FD33xS Controllers	6.604.06.00

Operating System	Component	Device Name	Vendor Revision
Windows Server 2019 64-bit Windows Server 2019 64-bit	SAS RAID	PERC S130 Controller	4.3.0.0006
Windows Server 2012 R2 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit	SAS RAID	PERC S130 Controller	4.3.0-0003
Red Hat Enterprise Linux 6.10 64-bit	System Utilities	RHEL 6.10 64 bit UPDATE	0
Red Hat Enterprise Linux 7.5 64-bit	System Utilities	RHEL 7.5 64 bit UPDATE	0
SUSE Linux Enterprise Server 15 64-bit	System Utilities	SLES UPDATE	0

PowerEdge R730XD

Table 11. Details of PowerEdge R730XD server

Operating System	Component	Device Name	Vendor Revision
Windows Server 2019 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.17809.8096
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.2.85
Windows Server 2012 R2 64-bit	Express Flash PCIe SSD	SAMSUNG:Dell PowerEdge Express Flash NVMe PCIe SSD	2.0.8.1611
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Fibre Channel	AVAGO TECHNOLOGIES:Emulex Fibre Channel Adapter Linux Drivers	10.0.4
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.40.1
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet adapters	21.40.16.10
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Emulex Network Adapter Drivers and Software Application	9.2.3
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	FOXCONN QLOGIC:Network and Fibre Channel Adapters	34.07.00.09
Windows Server 2016 64-bit	Network	FOXCONN	34.07.00

Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 R2 64-bit		QLOGIC:QLogic 578xx Adapters 64bit Windows drivers	
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Intel NIC Family Version 18.8.0 Drivers	18.8.0
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	Intel NIC Family Version 18.8.0 Linux Base Drivers - RPM Install	18.8.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Mellanox ConnectX-3 and ConnectX-3 Pro Ethernet adapters	5.50.14643.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Mellanox ConnectX-4 Lx, ConnectX-4 and ConnectX-5 Ex Ethernet adapters	2.0.19824.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	QLogic FastLinQ QL41xxx,45xxx Adapters 64 bits Windows Drivers	34.07.00
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	2.51.25.01
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	27.00.01.00
Red Hat Enterprise Linux 6.10 64-bit	SAS RAID	INVENTEC:Dell PERC /H330/ H730/H730P/H830/H740P/H840/ H745P MX/H730P MX RAID Controllers	07.705.05.00
Red Hat Enterprise Linux 7.5 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/ H730P/H830/H740/H840/ FD33xS/FD33xD Controllers/ H745P MX/H730P MX	07.705.05.00
SUSE Linux Enterprise Server 15 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/ H730P/H830/H740/H840/ FD33xS/FD33xD Controllers/ H745P MX/H730P MX	7.705.06.00
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS RAID	PERC H330/H730/H730P/H830/ H730P MX/FD33xD/FD33xS Controllers	6.604.06.00

Operating System	Component	Device Name	Vendor Revision
Windows Server 2019 64-bit Windows Server 2019 64-bit	SAS RAID	PERC S130 Controller	4.3.0.0006
Windows Server 2012 R2 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit	SAS RAID	PERC S130 Controller	4.3.0-0003
Red Hat Enterprise Linux 6.10 64-bit	System Utilities	RHEL 6.10 64 bit UPDATE	0
Red Hat Enterprise Linux 7.5 64-bit	System Utilities	RHEL 7.5 64 bit UPDATE	0
SUSE Linux Enterprise Server 15 64-bit	System Utilities	SLES UPDATE	0

PowerEdge T130

Table 12. Details of PowerEdge T130 server

Operating System	Component	Device Name	Vendor Revision
Windows Server 2019 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.17809.8096
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.2.85
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.40.1
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet adapters	21.40.16.10
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Intel NIC Family Version 18.8.0 Drivers	18.8.0
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	Intel NIC Family Version 18.8.0 Linux Base Drivers - RPM Install	18.8.0
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	2.51.25.01
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	27.00.01.00

Operating System	Component	Device Name	Vendor Revision
Red Hat Enterprise Linux 6.10 64-bit	SAS RAID	INVENTEC:Dell PERC /H330/H730/H730P/H830/H740P/H840/H745P MX/H730P MX RAID Controllers	07.705.05.00
Red Hat Enterprise Linux 7.5 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/H730P/H830/H740/H840/FD33xS/FD33xD Controllers/H745P MX/H730P MX	07.705.05.00
SUSE Linux Enterprise Server 15 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/H730P/H830/H740/H840/FD33xS/FD33xD Controllers/H745P MX/H730P MX	7.705.06.00
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS RAID	PERC H330/H730/H730P/H830/H730P MX/FD33xD/FD33xS Controllers	6.604.06.00
Windows Server 2019 64-bit Windows Server 2019 64-bit	SAS RAID	PERC S130 Controller	4.3.0.0006
Windows Server 2012 R2 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit Windows Server 2016 64-bit	SAS RAID	PERC S130 Controller	4.3.0-0003
Red Hat Enterprise Linux 6.10 64-bit	System Utilities	RHEL 6.10 64 bit UPDATE	0
Red Hat Enterprise Linux 7.5 64-bit	System Utilities	RHEL 7.5 64 bit UPDATE	0
SUSE Linux Enterprise Server 15 64-bit	System Utilities	SLES UPDATE	0

PowerEdge T330

Table 13. Details of PowerEdge T330 server

Operating System	Component	Device Name	Vendor Revision
Windows Server 2019 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.17809.8096
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit	Chipset	Intel C600/C610/C220/C230/ C2000 Series Chipset Drivers	10.1.2.85
Windows Server 2019 64-bit Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Fibre Channel	AVAGO TECHNOLOGIES:Emulex Fibre Channel Adapter Drivers and Software Application	10.0.4
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Fibre Channel	AVAGO TECHNOLOGIES:Emulex Fibre Channel Adapter Linux Drivers	10.0.4
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.4
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme Ethernet adapters, 21.4	21.40.1
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet adapters	21.40.16.10
Red Hat Enterprise Linux 7.5 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	BROADCOM CORPORATION:NetXtreme-E Ethernet, 21.4	21.4
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	FOXCONN QLOGIC:Network and Fibre Channel Adapters	34.07.00.09
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	FOXCONN	34.07.00

Operating System	Component	Device Name	Vendor Revision
		QLOGIC:QLogic 578xx Adapters 64bit Windows drivers	
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	Intel NIC Family Version 18.8.0 Drivers	18.8.0
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	Network	Intel NIC Family Version 18.8.0 Linux Base Drivers - RPM Install	18.8.0
Windows Server 2016 64-bit Windows Server 2012 R2 64-bit	Network	QLogic FastLinQ QL41xxx,45xxx Adapters 64 bits Windows Drivers	34.07.00
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	2.51.25.01
Red Hat Enterprise Linux 7.5 64-bit Red Hat Enterprise Linux 6.10 64-bit SUSE Linux Enterprise Server 15 64-bit	SAS Non-RAID	Dell 12Gbps HBA and HBA330	27.00.01.00
Red Hat Enterprise Linux 6.10 64-bit	SAS RAID	INVENTEC:Dell PERC /H330/ H730/H730P/H830/H740P/H840/ H745P MX/H730P MX RAID Controllers	07.705.05.00
Red Hat Enterprise Linux 7.5 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/ H730P/H830/H740/H840/ FD33xS/FD33xD Controllers/ H745P MX/H730P MX	07.705.05.00
SUSE Linux Enterprise Server 15 64-bit	SAS RAID	INVENTEC:Dell PERC H330/H730/ H730P/H830/H740/H840/ FD33xS/FD33xD Controllers/ H745P MX/H730P MX	7.705.06.00
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS RAID	PERC H330/H730/H730P/H830/ H730P MX/FD33xD/FD33xS Controllers	6.604.06.00
Windows Server 2019 64-bit Windows Server 2019 64-bit	SAS RAID	PERC S130 Controller	4.3.0.0006
Windows Server 2012 R2 64-bit Windows Server 2016 64-bit	SAS RAID	PERC S130 Controller	4.3.0-0003

Operating System	Component	Device Name	Vendor Revision
Windows Server 2016 64-bit Windows Server 2016 64-bit			
Red Hat Enterprise Linux 6.10 64-bit	System Utilities	RHEL 6.10 64 bit UPDATE	0
Red Hat Enterprise Linux 7.5 64-bit	System Utilities	RHEL 7.5 64 bit UPDATE	0
SUSE Linux Enterprise Server 15 64-bit	System Utilities	SLES UPDATE	0