

**Lifecycle Controller Operating System Driver
Pack
Version 16.01.08 Reference Guide**



Notes, cautions, and warnings

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

 **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 12th 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 FM120x4

Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 64-bit Windows Server 2012 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2008 R2 64-bit	Chipset	Intel C600/C610/C220/ C2000 Series Chipset Drivers	10.1.2.10
Windows Server 2008 R2 64-bit	MASS Storage	Custom Files	0.1
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Network	Intel NIC Family Version 17.0.0 Drivers	17.0.0
SUSE Linux Enterprise Server 11.4 64-bit Red Hat Enterprise Linux 6.7 64- bit	Network	Intel NIC Family Version 17.0.0 Linux Base Drivers - RPM Install	17.0.0
Windows Server 2012 64-bit Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit	SAS RAID	PERC S110 Controller	3.2.0-0008
Red Hat Enterprise Linux 6.7 64- bit	System Utilities	RHEL 6.7 64 bit UPDATE	0
Red Hat Enterprise Linux 7.2 64- bit	System Utilities	RHEL 7.2 64 bit UPDATE	0
SUSE Linux Enterprise Server 11.4 64-bit SUSE Linux Enterprise Server 12.1 64-bit	System Utilities	SLES UPDATE	0

Operating System	Component	Device Name	Vendor Revision
Windows Server 2008 R2 64-bit	Video	Matrox Video Driver	2.4.1.0

PowerEdge R220

Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 64-bit Windows Server 2012 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2008 R2 64-bit	Chipset	Intel C600/C610/C220/ C2000 Series Chipset Drivers	10.1.2.10
Windows Server 2008 R2 64-bit	Chipset	Intel C610 Series Chipset USB 3.0 Driver	3.0.5.69
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Fibre Channel	Emulex Network and Fibre Channel Adapter Drivers and Software Application	8.6.3
Windows Server 2008 R2 64-bit	MASS Storage	Custom Files	0.1
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Network	BROADCOM CORPORATION FOXCONN INVENTEC:NetXtreme Ethernet adapters	19.0.0
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Network	Intel NIC Family Version 17.0.0 Drivers	17.0.0
SUSE Linux Enterprise Server 11.4 64-bit Red Hat Enterprise Linux 6.7 64- bit	Network	Intel NIC Family Version 17.0.0 Linux Base Drivers - RPM Install	17.0.0
Windows Server 2012 R2 64-bit	Network	QLogic 64 bits Windows Drivers 9.0.0	7.0.5

Operating System	Component	Device Name	Vendor Revision
Windows Server 2008 R2 64-bit Windows Server 2012 64-bit			
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Network	QLogic BCM57xx and BCM57xxx 64bit Windows drivers, family version 19.2	19.2.1
Windows Server 2008 R2 64-bit	SAS Non-RAID	Dell 6GB-SAS-HBA,ADPT driver version 2.0.35.10, A03	2.0.35.10
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
SUSE Linux Enterprise Server 11.4 64-bit	SAS RAID	Dell PERC H310/H710/H710P/H810/SPERC8/H330/H730/H730P/H830 SAS RAID Controllers	06.903.07.00
Red Hat Enterprise Linux 6.7 64-bit	SAS RAID	Dell PERC H310/H710/H710P/H810/SPERC8/H330/H730/H730P/H830 SAS RAID Controllers	6.903.11.00
Windows Server 2008 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit Windows Server 2012 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit	SAS RAID	Dell PERC H310/H710/H710P/H810/SPERC8/SPERC8-E Controllers	6.805.01.00
Red Hat Enterprise Linux 7.2 64-bit	SAS RAID	Dell PERC version 06.903.11.00 H310/H710/H710P/H810/H330/H730/H730P/H830/SPERC8 Controllers	06.903.11.00
Windows Server 2012 R2 64-bit Windows Server 2012 64-bit Windows Server 2008 R2 64-bit	SAS RAID	PERC S110 Controller	3.2.0-0008
Red Hat Enterprise Linux 6.7 64-bit	System Utilities	RHEL 6.7 64 bit UPDATE	0

Operating System	Component	Device Name	Vendor Revision
Red Hat Enterprise Linux 7.2 64-bit	System Utilities	RHEL 7.2 64 bit UPDATE	0
SUSE Linux Enterprise Server 11.4 64-bit SUSE Linux Enterprise Server 12.1 64-bit	System Utilities	SLES UPDATE	0
Windows Server 2008 R2 64-bit	Video	Matrox Video Driver	2.4.1.0

PowerEdge R320

Operating System	Component	Device Name	Vendor Revision
Windows Server 2008 Windows Server 2012 64-bit Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2008 64-bit	Chipset	Intel C600/X79 Series Chipset Driver, Version H00	9.3.2.1020
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit Windows Server 2008 64-bit Windows Server 2008	Fibre Channel	Emulex Network and Fibre Channel Adapter Drivers and Software Application	8.6.3
Windows Server 2008 R2 64-bit	MASS Storage	Custom Files	0.1
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit Windows Server 2008 64-bit Windows Server 2008	Network	BROADCOM CORPORATION FOXCONN INVENTEC:NetXtreme Ethernet adapters	19.0.0
Windows Server 2008 Windows Server 2008 64-bit	Network	Intel NIC drivers	16.0.0
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Network	Intel NIC Family Version 17.0.0 Drivers	17.0.0
SUSE Linux Enterprise Server 11.4 64-bit	Network	Intel NIC Family Version 17.0.0 Linux Base Drivers - RPM Install	17.0.0

Operating System	Component	Device Name	Vendor Revision
Red Hat Enterprise Linux 6.7 64-bit			
Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Network	Mellanox ConnectX-3 and ConnectX-3 Pro Ethernet adapters	04.95.00
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit Windows Server 2008 64-bit	Network	QLogic 64 bits Windows Drivers 9.0.0	7.0.5
Windows Server 2008	Network	QLogic BCM57xx and BCM57xxx 32bit Windows drivers, family version 19.2	19.2.1
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit Windows Server 2008 64-bit	Network	QLogic BCM57xx and BCM57xxx 64bit Windows drivers, family version 19.2	19.2.1
Windows Server 2008	Network	QLogic Drivers & Applications 9.0.0	7.0.5
Windows Server 2008	SAS Non-RAID	6Gbps Internal SAS HBA Tape Adapter Device Driver	2.0.35.10
Windows Server 2008 R2 64-bit	SAS Non-RAID	Dell 6GB-SAS-HBA,ADPT driver version 2.0.35.10, A03	2.0.35.10
Windows Server 2008 64-bit	SAS Non-RAID	DELL 6GB-SAS-HBA,ADPT, driver version 2.0.35.10,A02	2.0.35.10
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
Windows Server 2008 64-bit Windows Server 2008 Windows Server 2008	SAS RAID	Dell PERC H310/H710/H710P/H810/SPERC8 Controllers	6.803.21.00
SUSE Linux Enterprise Server 11.4 64-bit	SAS RAID	Dell PERC H310/H710/H710P/H810/SPERC8/	06.903.07.00

Operating System	Component	Device Name	Vendor Revision
		H330/H730/H730P/H830 SAS RAID Controllers	
Red Hat Enterprise Linux 6.7 64-bit	SAS RAID	Dell PERC H310/H710/ H710P/H810/SPERC8/ H330/H730/H730P/H830 SAS RAID Controllers	6.903.11.00
Windows Server 2012 64-bit Windows Server 2012 64-bit Windows Server 2008 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit	SAS RAID	Dell PERC H310/H710/ H710P/H810/SPERC8/ SPERC8-E Controllers	6.805.01.00
Red Hat Enterprise Linux 7.2 64-bit	SAS RAID	Dell PERC version 06.903.11.00 H310/H710/ H710P/H810/H330/H730/ H730P/H830/SPERC8 Controllers	06.903.11.00
Windows Server 2008 Windows Server 2008 64-bit Windows Server 2008 R2 64-bit	SAS RAID	PERC S110 Controller	3.0.0.0134
Windows Server 2012 64-bit	SAS RAID	PERC S110 Controller	3.1.0.0012
Windows Server 2012 R2 64-bit	SAS RAID	PERC S110 Controller	3.2.0-0008
Windows Server 2008 Windows Server 2012 64-bit Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2008 64-bit	SCSI non-RAID	Dell Backplane	NA
Red Hat Enterprise Linux 6.7 64-bit	System Utilities	RHEL 6.7 64 bit UPDATE	0
Red Hat Enterprise Linux 7.2 64-bit	System Utilities	RHEL 7.2 64 bit UPDATE	0

Operating System	Component	Device Name	Vendor Revision
SUSE Linux Enterprise Server 11.4 64-bit	System Utilities	SLES UPDATE	0
SUSE Linux Enterprise Server 12.1 64-bit			
Windows Server 2008 R2 64-bit	Video	Matrox Video Driver	2.4.1.0
Windows Server 2008 64-bit			
Windows Server 2008			

PowerEdge T320

Operating System	Component	Device Name	Vendor Revision
Windows Server 2008 Windows Server 2012 64-bit Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2008 64-bit	Chipset	Intel C600/X79 Series Chipset Driver, Version H00	9.3.2.1020
Windows Server 2008 R2 64-bit	MASS Storage	Custom Files	0.1
Windows Server 2008 Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit Windows Server 2008 64-bit	Network	BROADCOM CORPORATION FOXCONN INVENTEC:NetXtreme Ethernet adapters	19.0.0
Windows Server 2008 Windows Server 2008 64-bit	Network	Intel NIC drivers	16.0.0
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit	Network	Intel NIC Family Version 17.0.0 Drivers	17.0.0
SUSE Linux Enterprise Server 11.4 64-bit Red Hat Enterprise Linux 6.7 64- bit	Network	Intel NIC Family Version 17.0.0 Linux Base Drivers - RPM Install	17.0.0
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit Windows Server 2008 64-bit	Network	QLogic 64 bits Windows Drivers 9.0.0	7.0.5

Operating System	Component	Device Name	Vendor Revision
Windows Server 2008	Network	QLogic BCM57xx and BCM57xxx 32bit Windows drivers, family version 19.2	19.2.1
Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2012 64-bit Windows Server 2008 64-bit	Network	QLogic BCM57xx and BCM57xxx 64bit Windows drivers, family version 19.2	19.2.1
Windows Server 2008	Network	QLogic Drivers & Applications 9.0.0	7.0.5
Windows Server 2008	SAS Non-RAID	6Gbps Internal SAS HBA Tape Adapter Device Driver	2.0.35.10
Windows Server 2008 R2 64-bit	SAS Non-RAID	Dell 6GB-SAS-HBA,ADPT driver version 2.0.35.10, A03	2.0.35.10
Windows Server 2008 64-bit	SAS Non-RAID	DELL 6GB-SAS-HBA,ADPT, driver version 2.0.35.10,A02	2.0.35.10
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
Windows Server 2008 64-bit Windows Server 2008 Windows Server 2008	SAS RAID	Dell PERC H310/H710/H710P/H810/SPERC8 Controllers	6.803.21.00
SUSE Linux Enterprise Server 11.4 64-bit	SAS RAID	Dell PERC H310/H710/H710P/H810/SPERC8/H330/H730/H730P/H830 SAS RAID Controllers	06.903.07.00
Red Hat Enterprise Linux 6.7 64-bit	SAS RAID	Dell PERC H310/H710/H710P/H810/SPERC8/H330/H730/H730P/H830 SAS RAID Controllers	6.903.11.00
Windows Server 2012 R2 64-bit Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2008 R2 64-bit	SAS RAID	Dell PERC H310/H710/H710P/H810/SPERC8/SPERC8-E Controllers	6.805.01.00

Operating System	Component	Device Name	Vendor Revision
Windows Server 2012 64-bit Windows Server 2012 64-bit			
Red Hat Enterprise Linux 7.2 64-bit	SAS RAID	Dell PERC version 06.903.11.00 H310/H710/ H710P/H810/H330/H730/ H730P/H830/SPERC8 Controllers	06.903.11.00
Windows Server 2008 R2 64-bit Windows Server 2008 Windows Server 2008 64-bit	SAS RAID	PERC S110 Controller	3.0.0.0134
Windows Server 2012 64-bit	SAS RAID	PERC S110 Controller	3.1.0.0012
Windows Server 2012 R2 64-bit	SAS RAID	PERC S110 Controller	3.2.0-0008
Windows Server 2008 Windows Server 2012 64-bit Windows Server 2012 R2 64-bit Windows Server 2008 R2 64-bit Windows Server 2008 64-bit	SCSI non-RAID	Dell Backplane	NA
Red Hat Enterprise Linux 6.7 64-bit	System Utilities	RHEL 6.7 64 bit UPDATE	0
Red Hat Enterprise Linux 7.2 64-bit	System Utilities	RHEL 7.2 64 bit UPDATE	0
SUSE Linux Enterprise Server 11.4 64-bit SUSE Linux Enterprise Server 12.1 64-bit	System Utilities	SLES UPDATE	0
Windows Server 2008 R2 64-bit Windows Server 2008 64-bit Windows Server 2008	Video	Matrox Video Driver	2.4.1.0