



# Red Hat Enterprise Linux Certification Matrix for Dell PowerEdge Servers

July 7, 2022





Dell PowerEdge Linux Team

# Introduction

- This set of matrices attempt to represent the certification status between different versions of Red Hat Enterprise Linux and Dell PowerEdge servers
- Dell Technologies policy is to offer ‘validation’ support for a new release of RHEL at the moment it is GA from Red Hat
  - Customers with an existing Dell ProSupport contract who purchased their RHN subscription with their Dell PE server may download and install the new release onto their server and will continue to be covered by their ProSupport contract.
  - Please note that only the contents of the distribution ISO are supported. No other software.
- Please note the Red Hat CPU support policy here :
  - <https://access.redhat.com/support/policy/intel>



# Support levels for a platform/release combination

- There are three levels of status :
  - **Not Supported** : The absence of an icon indicates that this release is not supported or certified for the referenced platform. Not Supported is indicated by: 
  - **Certified**: The release has been successfully certified, or the cert has been carried forward from a previous cert, and will appear on the Red Hat hardware certification page, no additional validation has been carried out. Certified is indicated by: 
  - **Validated** : The release has been successfully certified and tested by Dell Technologies teams and will appear on the Red Hat hardware certification page. The contents of the distribution ISO are supported by Dell Technologies for their RHEL OEM customers and the ISO contains functioning drivers for the hardware platform. In the following matrices. Validated is indicated by : 
  - **Fully Supported** : The contents of the distribution ISO are **Validated** AND the Dell Technologies Systems Management tools are available for this combination of RHEL release and the hardware, Factory Installation may be available and there may be Dell drivers available. In the following matrices, Fully Supported is indicated by : 



# Red Hat Enterprise Linux downgrade and extensions

- The owner of a valid RHN subscription may download other versions of RHEL at no charge. If the combination of the platform and the OS release are marked as at least Validated, this is supported.
- Customers with a current Dell ProSupport contract who purchased their RHEL subscription from Dell for their server are able to download and use those RHEL extensions and continue to be covered by their support contract.
- Other Red Hat products such as RHEV are not included but the certification for RHEL also certifies that product which can be purchased directly from Red Hat.



RHEL 9.x

PowerEdge  
Support  
Matrix



# RHEL 9.x PE Rack, PE-C, Modular Servers

PowerEdge Server	RHEL 9 Minimum Supported Version & Support Level		Important Notes
	Realtime	9.0	
C6520	NO	Supported	
C6525	NO	Supported	
MX750c	NO	Supported	
R250	NO	Supported	
R350	NO	Supported	
R450	NO	Supported	
R550	NO	Supported	
R650	9.0+	Supported	
R650xs	NO	Supported	
R6515	NO	Supported	
R6525	NO	Supported	
R750	9.0+	Supported	
R750xa	NO	Supported	
R750xs	NO	Supported	
R7515	NO	Supported	
R7525	NO	Supported	
T150	NO	Supported	
T350	NO	Supported	
T550	NO	Supported	
XE8545	NO	Supported	
XR11	9.0+	Supported	
XR12	9.0+	Supported	



# RHEL 9.x PE Rack, PE-C, Modular Servers

PowerEdge Server	RHEL 9 Minimum Supported Version & Support Level		Important Notes
	Realtime	9.0	
C4140	NO	NO	
C6420	NO	Supported	
DS58440	NO	Supported	
FC640	NO	Supported	
M640	NO	Supported	
M640p	NO	Supported	
MX740c	NO	Supported	
MX840c	NO	Supported	
R240	NO	Supported	
R340	NO	Supported	
R440	NO	Supported	
R540	NO	Supported	
R640	NO	Supported	
R6415	NO	NO	
R740	NO	Supported	
R740xd	NO	Supported	
R740xd2	NO	Supported	
R7415	NO	NO	
R7425	NO	NO	
R840	NO	Supported	
R940	NO	Supported	
R940xa	NO	Supported	
T140	NO	Supported	
T340	NO	Supported	
T440	NO	Supported	
T640	NO	Supported	
XE2420	NO	NO	
XE7420	NO	Supported	
XE7440	NO	Supported	
XR2	NO	NO	



RHEL 8.x

PowerEdge  
Support  
Matrix





# RHEL 8.x PE Rack, PE-C, Modular Servers

PowerEdge Server	RHEL8 Minimum Supported Version & Support Level								Important Notes
	Realtime	8.6	8.5	8.4	8.3	8.2	8.1	8.0	
C6520	NO	Certified	Supported	Supported	Supported	Supported	NO	NO	
C6525	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	AMD EPYC 2nd Generation (Rome) processors require RHEL8.0U2 or later AMD EPYC 3rd Generation (Milan) processors require RHEL8.3 or later
MX750c	NO	Certified	Supported	Supported	Supported	Supported	NO	NO	
R250	NO	Certified	Supported	Supported	NO	NO	NO	NO	
R350	NO	Certified	Supported	Supported	NO	NO	NO	NO	
R450	NO	Certified	Supported	Supported	Supported	NO	NO	NO	
R550	NO	Certified	Supported	Supported	Supported	NO	NO	NO	
R650	8.2+	Certified	Supported	Supported	Supported	Supported	NO	NO	
R650xs	NO	Certified	Supported	Supported	Supported	NO	NO	NO	
R6515	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	AMD EPYC 2nd Generation (Rome) processors require RHEL8.0U2 or later AMD EPYC 3rd Generation (Milan) processors require RHEL8.3 or later
R6525	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	AMD EPYC 2nd Generation (Rome) processors require RHEL8.0U2 or later AMD EPYC 3rd Generation (Milan) processors require RHEL8.3 or later
R750	8.2+	Certified	Supported	Supported	Supported	Supported	NO	NO	
R750xa	NO	Certified	Supported	Supported	Supported	Supported	NO	NO	
R750xs	NO	Certified	Supported	Supported	Supported	NO	NO	NO	
R7515	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	AMD EPYC 2nd Generation (Rome) processors require RHEL8.0U2 or later AMD EPYC 3rd Generation (Milan) processors require RHEL8.3 or later
R7525	NO	Certified	Supported	Supported	Supported	NO	NO	NO	AMD EPYC 2nd Generation (Rome) processors require RHEL8.0U2 or later AMD EPYC 3rd Generation (Milan) processors require RHEL8.3 or later
T150	NO	Certified	Supported	Supported	NO	NO	NO	NO	
T350	NO	Certified	Supported	Supported	NO	NO	NO	NO	
T550	NO	Certified	Supported	Supported	NO	NO	NO	NO	
XE8545	NO	Certified	Certified	Certified	Certified	NO	NO	NO	
XR11	8.3+	Certified	Supported	Supported	Supported	NO	NO	NO	
XR12	8.3+	Certified	Supported	Supported	Supported	NO	NO	NO	

H755 & HBA355 require RHEL8.2 minimum

AMD Rome servers require iommu=pt when using PCIe Gen4 devices



# RHEL 8.x PE Rack, PE-C, Modular Servers

PowerEdge Server	RHEL8 Minimum Supported Version & Support Level								
	Realtime	8.6	8.5	8.4	8.3	8.2	8.1	8.0	
C4140	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
C6420	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
D5S8440	NO	Certified	Supported	Supported	Supported	Supported	Supported	NO	NO
FC640	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
M640	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
M640p	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
MX740c	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
MX840c	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
R240	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
R340	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
R440	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
R540	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
R640	8.0+	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
R6415	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
R740	8.0+	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
R740xd	8.0+	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
R740xd2	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
R7415	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
R7425	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
R840	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
R940	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
R940xa	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
T140	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
T340	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
T440	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
T640	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported
XE2420	8.1+	Certified	Certified	Certified	Certified	Certified	Certified	Certified	NO
XE7420	NO	Certified	Certified	Certified	Certified	Certified	NO	NO	NO
XE7440	NO	Certified	Certified	Certified	Certified	Certified	NO	NO	NO
XR2	8.0+	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported

H750/HBA350i/HBA355e require RHEL 8.4 minimum

AMD EPYC 2<sup>nd</sup> Generation (Rome) servers require iommu=pt when using PCIe Gen4 devices



# RHEL 8.x PE Tower, Rack, Modular Servers

PowerEdge Server	RHEL8 Minimum Supported Version & Support Level								Important Notes
	Realtime	8.6	8.5	8.4	8.3	8.2	8.1	8.0	
C4130	NO	NO	NO	NO	NO	NO	NO	NO	
C6320	NO	NO	NO	NO	NO	NO	NO	NO	
C6320p	NO	NO	NO	NO	NO	NO	NO	NO	
FC430	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	
FC630	NO	Certified	Certified	Certified	Certified	Supported	Supported	Supported	
FC830	NO	Certified	Supported	Supported	Supported	Supported	Supported	Supported	
M630	NO	Certified	Certified	Certified	Certified	Certified	Certified	Supported	
M630p	NO	Certified	Certified	Certified	Certified	Certified	Supported	Supported	
M830	NO	Certified	Certified	Certified	Certified	Certified	Supported	Supported	
M830p	NO	Certified	Certified	Certified	Certified	Certified	Supported	Supported	
R230	NO	NO	NO	NO	NO	NO	NO	NO	
R330	NO	NO	NO	NO	NO	NO	NO	NO	
R430	NO	Certified	Certified	Certified	Certified	Certified	Supported	Supported	
R530	NO	NO	NO	NO	NO	NO	NO	NO	
R530xd	NO	NO	NO	NO	NO	NO	NO	NO	
R630	NO	Certified	Certified	Certified	Certified	Certified	Supported	Supported	
R730	NO	Certified	Certified	Certified	Certified	Certified	Supported	Supported	
R730xd	NO	Certified	Certified	Certified	Certified	Certified	Supported	Supported	
R830	NO	Certified	Certified	Certified	Certified	Certified	Certified	Supported	
R930	NO	Certified	Certified	Certified	Certified	Certified	Supported	Supported	
T130	NO	NO	NO	NO	NO	NO	NO	NO	
T30	NO	NO	NO	NO	NO	NO	NO	NO	
T330	NO	NO	NO	NO	NO	NO	NO	NO	
T430	NO	NO	NO	NO	NO	NO	NO	NO	
T630	NO	NO	NO	NO	NO	NO	NO	NO	



RHEL 7.x

PowerEdge  
Support  
Matrix



# RHEL 7.x PE Rack, PE-C and Modular Servers

PowerEdge Server	RHEL7 Minimum Supported Version & Support Level										Important Notes
	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.2	7.1	7.0	
C6520	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
C6525	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	NO	AMD EPYC 2 <sup>nd</sup> Generation (Rome) servers require RHEL7.6U6 or later AMD EPYC 3rd Generation (Milan) processors are not supported with
MX750c	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R250	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R350	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R450	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R550	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R650	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R650xs	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R6515	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	NO	AMD EPYC 2 <sup>nd</sup> Generation (Rome) servers require RHEL7.6U6 or later AMD EPYC 3rd Generation (Milan) processors are not supported with
R6525	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	NO	AMD EPYC 2 <sup>nd</sup> Generation (Rome) servers require RHEL7.6U6 or later AMD EPYC 3rd Generation (Milan) processors are not supported with
R750	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R750xa	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R750xs	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R7515	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	NO	AMD EPYC 2 <sup>nd</sup> Generation (Rome) servers require RHEL7.6U6 or later AMD EPYC 3rd Generation (Milan) processors are not supported with
R7525	Supported	Supported	Supported	NO	NO	NO	NO	NO	NO	NO	AMD EPYC 2 <sup>nd</sup> Generation (Rome) servers require RHEL7.6U6 or later AMD EPYC 3rd Generation (Milan) processors are not supported with
T150	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
T350	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
T550	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
XE8545	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
XR11	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
XR12	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	

H755 & HBA355 require RHEL7.8 minimum

AMD EPYC 2<sup>nd</sup> Generation (Rome) servers require iommu=pt when using PCIe Gen4 devices



# RHEL 7.x PE Rack Servers

PowerEdge Server	RHEL7 Minimum Supported Version & Support Level										Important Notes
	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.2	7.1	7.0	
C4140	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	
C6420	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	Cascade Lake-SP requires 7.6 or above
D5S8440	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	NO	
FC640	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	Cascade Lake-SP requires 7.6 or above
M640	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	Cascade Lake-SP requires 7.6 or above
M640p	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	
MX740c	Supported	Supported	Supported	Supported	Validated	NO	NO	NO	NO	NO	Cascade Lake-SP requires 7.6 or above
MX840c	Supported	Supported	Supported	Supported	Validated	NO	NO	NO	NO	NO	Cascade Lake-SP requires 7.6 or above
R240	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	Cascade Lake-SP requires 7.6 or above E-22XXG Series Processors require RHEL7.7 or later
R340	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	Cascade Lake-SP requires 7.6 or above E-22XXG Series Processors require RHEL7.7 or later
R440	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	Cascade Lake-SP requires 7.6 or above
R540	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	Cascade Lake-SP requires 7.6 or above
R640	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	Cascade Lake-SP requires 7.6 or above
R6415	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	H330 requires BIOS v1.8.7
R740	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	Cascade Lake-SP requires 7.6 or above
R740xd	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	Cascade Lake-SP requires 7.6 or above
R740xd2	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	Cascade Lake-SP requires 7.6 or above
R7415	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	H330 requires BIOS v1.8.7
R7425	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	H330 requires BIOS v1.8.7
R840	Supported	Supported	Supported	Supported	Supported	Validated	NO	NO	NO	NO	Cascade Lake-SP requires 7.6 or above
R940	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	Requires minimum kernel version kernel-3.10.0-514.6.1.el7.x86_64
R940xa	Supported	Supported	Supported	Supported	Supported	Validated	NO	NO	NO	NO	Cascade Lake-SP requires 7.6 or above
T140	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	Cascade Lake-SP requires 7.6 or above E-22XXG Series Processors require RHEL7.7 or later
T340	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	Cascade Lake-SP requires 7.6 or above E-22XXG Series Processors require RHEL7.7 or later
T440	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	Cascade Lake-SP requires 7.6 or above
T640	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	Cascade Lake-SP requires 7.6 or above
XE2420	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
XE7420	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
XE7440	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
XR2	Supported	Supported	Supported	Supported	Supported	Supported	NS	NO	NO	NO	Cascade Lake-SP requires 7.6 or above

H755 & HBA355 require RHEL7.8 minimum

H750/HBA350i/HBA355e require RHEL 7.9 minimum

\*\* The H330 requires BIOS v1.8.7 with these platforms



# RHEL 7.x PE Rack, Blades, Tower and PE-C

PowerEdge Server	RHEL7 Minimum Supported Version & Support Level										Important Notes
	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.2	7.1	7.0	
C4130	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Validated	Validated	Validated	Xeon E5-2600-V4 requires 7.2 or above
C6320	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Validated	Validated	Validated	Xeon E5-2600-V4 requires 7.2 or above
C6320p	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Validated	NO	NO	
FC430	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Xeon E5-2600-V4 requires 7.2 or above
FC630	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Xeon E5-2600-V4 requires 7.2 or above
FC830	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Xeon E5-2600-V4 requires 7.2 or above
M630	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Xeon E5-2600-V4 requires 7.2 or above
M630p	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Xeon E5-2600-V4 requires 7.2 or above
M830	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Xeon E5-2600-V4 requires 7.2 or above
M830p	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	
R230	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	Xeon E3-1200-v6 requires 7.3 or above
R330	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	Xeon E3-1200-v6 requires 7.3 or above
R430	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	
R530	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	
R530xd	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Supported	Supported	Supported	
R630	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Xeon E5-2600-V4 requires 7.2 or above
R730	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Xeon E5-2600-V4 requires 7.2 or above
R730xd	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Xeon E5-2600-V4 requires 7.2 or above
R830	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	
R930	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	Xeon E7-8800 V4 & Xeon E7-4800 V4 require minimum version 7.3
T130	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	Xeon E3-1200-v6 requires 7.3 or above
T30	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	
T330	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	Xeon E3-1200-v6 requires 7.3 or above
T430	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	
T630	Certified	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Xeon E5-2600-V4 requires 7.2 or above

\*\* kernel-3.10.0-327.36.1.el7 is the minimum kernel version that supports the Intel® Xeon Phi™ processor 72XX product family



# RHEL 7.x PE Rack and Blades

PowerEdge Server	RHEL7 Minimum Supported Version & Support Level										Important Notes
	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.2	7.1	7.0	
C5220	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
C6105	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Validated	Validated	
C6145	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Validated	Validated	
C6220	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Validated	Validated	
C8220X	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Validated	Validated	
M420	Certified	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
M520	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	
M520p	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	NO	
M620	Certified	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
M620p	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	NO	
M820	Certified	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
M820p	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	NO	
R220	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	
R320	Certified	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
R420	Certified	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
R520	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	
R620	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	
R720	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	
R720xd	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	
R820	Certified	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
R920	Certified	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
T20	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
T320	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	
T420	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	
T620	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	





# RHEL 7.x PE Rack

PowerEdge Server	RHEL7 Minimum Supported Version & Support Level										Important Notes
	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.2	7.1	7.0	
M610	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
M610X	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
M710	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
M710HD	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
M910	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Supported	Supported	
M915	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Supported	Supported	
R210	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R310	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R410	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R415	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Supported	Supported	
R510	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R515	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Supported	Supported	
R610	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Supported	Supported	
R710	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Supported	Supported	
R715	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Supported	Supported	
R810	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R815	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Supported	Supported	
R910	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Supported	Supported	
T110	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Supported	Supported	Xeon 3400 is not supported with RHEL7
R310	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
T410	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
T610	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
T710	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	



RHEL 6.x

PowerEdge  
Support  
Matrix



# RHEL 6.x PE Rack Servers, Towers, Blades and PE-C

PowerEdge Server	RHEL6 Minimum Supported Version & Support Level											Important Notes
	6.10	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	
C4140	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	Cascade Lake-SP is not supported on RHEL6.
C6420	Supported	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
D5S8440	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
FC640	Supported	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
M640	Supported	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
M640p	Supported	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
MX740c	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
MX840c	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R240	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R340	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R440	Supported	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	RHEL 6 was in production 2 Phase of the RHEL Life Cycle which means no new hardware enablement and no new functionality available since May 2017.  The following are not supported with RHEL6: Intel OPA NVMe NVDIMM Qlogic Bavaria and Arrowhead cards NVMe over Fabric Cascade Lake Processors
R540	Supported	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R640	Supported	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R6415	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R740	Supported	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R740xd	Supported	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R740xd2	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R7415	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R7425	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R840	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R940	Supported	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R940xa	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
T140	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
T340	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
T440	Supported	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
T640	Supported	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	
XE2420	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
XE7420	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
XE7440	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
XR2	Supported	Supported	NO	NO	NO	NO	NO	NO	NO	NO	NO	



# RHEL 6.x PE Rack Servers, Towers, Blades and PE-C

PowerEdge Server	RHEL6 Minimum Supported Version & Support Level											Important Notes
	6.10	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	
C4130	Supported	Supported	Supported	Supported	Validated	Validated	NO	NO	NO	NO	NO	
C6320	Supported	Supported	Supported	Supported	Validated	Validated	NO	NO	NO	NO	NO	Xeon E5-2600-V4 requires minimum version 6.7
C6320p	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
FC430	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	Xeon E5-2600-V4 requires minimum version 6.7
FC630	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	Xeon E5-2600-V4 requires minimum version 6.7
FC830	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	
M630	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	Xeon E5-2600-V4 requires minimum version 6.7
M630p	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	
M830	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	
M830p	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	
R230	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	NO	NO	
R330	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	NO	NO	
R430	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	
R530	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	
R530xd	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R630	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	Xeon E5-2600-V4 requires minimum version 6.7
R730	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	Xeon E5-2600-V4 requires minimum version 6.7
R730xd	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
R830	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	NO	NO	
R930	Supported	Supported	Supported	Supported	Validated	NO	NO	NO	NO	NO	NO	
T130	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	NO	NO	
T30	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
T330	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	NO	NO	
T430	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	
T630	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	Xeon E5-2600-V4 requires minimum version 6.7



# RHEL 6.x PE Rack Servers, Towers, Blades and PE-C

PowerEdge Server	RHEL6 Minimum Supported Version & Support Level											Important Notes	
	6.10	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0		
C5220	Validated	Validated	Validated	Validated	Validated	Validated	Validated	Validated	Validated	Validated	Validated	Validated	Xeon E3-1200 V2 requires minimum version 6.1
C6105	Certified	Certified	Validated	Validated	Validated	Validated	Validated	Validated	Validated	Validated	Validated	Validated	
C6145	Certified	Certified	Validated	Validated	Validated	Validated	Validated	Validated	Validated	Validated	Validated	Validated	
C6220	Certified	Certified	Validated	Validated	Validated	Validated	Validated	Validated	Validated	Validated	Validated	NO	
C8220X	Certified	Certified	Validated	Validated	Validated	Validated	Validated	Validated	Validated	Validated	Validated	NO	Xeon E5-2600 V2 requires minimum version 6.4
M420	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	Xeon E5-2400 V2 requires minimum version 6.4
M520	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	Xeon E5-2400 V2 requires minimum version 6.4
M520p	Certified	Certified	Validated	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	
M620	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	Xeon E5-2400 V2 requires minimum version 6.5
M620p	Certified	Certified	Validated	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	
M820	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	Xeon E5-2400 V2 requires minimum version 6.5
M820p	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	
R220	Certified	Certified	Validated	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	
R320	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	Xeon E5-2600 V2 requires minimum version 6.5
R420	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	Xeon E5-2600 V2 requires minimum version 6.4
R520	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	Xeon E5-2600 V2 requires minimum version 6.4
R620	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	Xeon E5-2600 V2 requires minimum version 6.4
R720	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	Xeon E5-2600 V2 requires minimum version 6.4
R720xd	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	Xeon E5-2600 V2 requires minimum version 6.5
R820	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	Xeon E5-2600 V2 requires minimum version 6.5
R920	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	NO	NO	NO	NO	
T20	Certified	Certified	Validated	Supported	Supported	Supported	Supported	NO	NO	NO	NO	NO	
T320	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	Xeon E5-2400 V2 requires minimum version 6.4
T420	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	NO	Xeon E5-2400 V2 requires minimum version 6.4
T620	Certified	Certified	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	NO	Xeon E5-2400 V2 requires minimum version 6.4



# RHEL 6.x PE Blades

PowerEdge Server	RHEL6 Minimum Supported Version & Support Level											Important Notes
	6.10	6.9	6.8	6.7	6.6	6.5	6.4	6.3	6.2	6.1	6.0	
M610	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
M610X	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
M710	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
M710HD	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
M910	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
M915	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Opteron 6300 requires 6.3 minimum, 6200 requires 6.1 minimum
R210	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Xeon E3-1200 V2 requires minimum version 6.2
R310	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
R410	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
R415	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Opteron 4300 requires 6.3 minimum, 4200 requires 6.1 minimum
R510	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
R515	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Opteron 4300 requires 6.3 minimum, 4200 requires 6.1 minimum
R610	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
R710	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
R715	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Opteron 6300 requires 6.3 minimum, 6200 requires 6.1 minimum
R810	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
R815	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Opteron 6300 requires 6.3 minimum, 6200 requires 6.1 minimum
R910	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
T110	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	Xeon E3-1200 V2 requires 6.2 minimum
R310	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
T410	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
T610	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	
T710	Certified	Certified	Certified	Validated	Validated	Supported	Supported	Supported	Supported	Supported	Supported	

