

14 代服务器常见机型有 R440、R540、R640、R740、R740XD、R840、
R940、R6415、R7415、R7425

常见系统支持类型：

Window server : 支持 Window Server 2012 R2 和 Server 2016 (不支持
Server 2008 以及 2008R2 版本)

Red hat Linux Enterprise Server : 支持 RHEL6.9 和 RHEL7.4 以上版本

详情参考下方支持列表

Centos 官方不支持，如果一定要安装的话，建议可以参考 redhat 对应支持版
本

SUSE Linux Enterprise Server : 支持 SLEL12 SP2 或 SLEL12 SP3 详
情参考下方支持列表

Ubuntu Server LTS : 支持 Ubuntu 16.04.4 详情参考下方支持列表



Validated ——The release has been successfully certified and
tested and will appear on the linux hardware certification page. The
contents of the distribution ISO are supported by Dell EMC for their
linux OEM customers and the ISO contains functioning drivers for
the hardware platform.



Fully Supported ——The contents of the distribution ISO are

Validated AND the Dell EMC Systems Management tools are

available for this combination of linux release and the hardware.

- Red hat Linux Enterprise Server 支持列表

RHEL 7.x, 14G Rack Servers, Towers, Blades & PE-C

14G Rack	XR2	R440	R540	R640	R740	R740xd	R840	R940*	R940xa
64 Bit Only									
RHEL 7.3				■ V	■ V	■ V			
RHEL 7.4	■ V	■ V	■ V	■ V	■ V	■ V			
RHEL 7.5	■ V	■ V	■ V	■ V	■ V	■ V	■ V	■ V	■ V

14 Rack AMD	R6415	R7415	R7425
64 Bit Only			
RHEL 7.3			
RHEL 7.4	■ V	■ V	■ V
RHEL 7.5	■ V	■ V	■ V

14G PE-C	C6420	C4140
64 Bit Only		
RHEL 7.3	■ V	
RHEL 7.4	■ V	■ V
RHEL 7.5	■ V	■ V

14G Tower	T440	T640
64 Bit Only		
RHEL 7.3		
RHEL 7.4	■ V	■ V
RHEL 7.5	■ V	■ V

14G Blade	Std Blade	FX2 Blade	VRTX Blade
	M640	FC640	M640
64 Bit Only			
RHEL 7.3			
RHEL 7.4	■ V	■ V	■ V
RHEL 7.5	■ V	■ V	■ V

* kernel-3.10.0-514.6.1.el7.x86_64 is the minimum kernel version that supports the 4 socket R940

RHEL 6.x, 14G Rack Servers, Towers, Blades and PE-C

14G Rack	XR2	R440	R540	R640	R740	R740xd	R940
64 Bit Only							
RHEL 6.9	■ V	■ V	■ V	■ V	■ V	■ V	■ V
RHEL 6.10	■ V	■ V	■ V	■ V	■ V	■ V	■ V

14G PE-C	C6420
64 Bit Only	
RHEL 6.9	■ V
RHEL 6.10	■ V

14G Tower	T440	T640
64 Bit Only		
RHEL 6.9	■ V	■ V
RHEL 6.10	■ V	■ V

14G Blade	Std Blade	FX2 Blade	VRTX Blade
	M640	FC640	M640
64 Bit Only			
RHEL 6.9	■ V	■ V	■ V
RHEL 6.10	■ V	■ V	■ V

Note: RHEL 6 is in Production 3 Phase of the Red Hat Enterprise Linux Life Cycle which means no new hardware enablement and no new functionality are planned.

The following are not supported with RHEL 6:

- Intel OPA
- NVMe on 14G (NVMe on 13G is supported)
- NVDIMM
- Qlogic Bavaria and Arrowhead
- NVMe over Fabric

- SUSE Linux Enterprise Server 支持列表

SLES 12 PE-14G Racks, Towers, Blades & PE-C

14G Rack	XR2	R440	R540	R640	R740	R740xd	R840	R940	R940xa
64 Bit Only									
SLES 12 SP2	✗	✗	✗	✗	✗	✗	✗	✗	✗
SLES 12 SP3	✗	✗	✗	✗	✗	✗	✗	✗	✗
14G Rack AMD	R6415	R7415	R7425						
64 Bit Only									
SLES 12 SP3	✗	✗	✗						
14G PE-C	C6420	C4140							
64 Bit Only									
SLES 12 SP2	✗	✗							
SLES 12 SP3	✗	✗							
14G Tower	T440	T640							
64 Bit Only									
SLES 12 SP2	✗	✗							
SLES 12 SP3	✗	✗							
14G Blades	Std Blade	FX2 Blade	VRTX Blade						
64 Bit Only									
SLES 12 SP2	✗	✗	✗						
SLES 12 SP3	✗	✗	✗						

SLES 15 PE-14G Racks, Towers, Blades & PE-C

14G Rack Intel	R440	R540	R640	R740	R740xd	R840	R940	R940xa
64 Bit Only								
SLES 15	✗	✗	✗	✗	✗	✗	✗	✗
14G Rack AMD	R6415*	R7415*	R7425*					
64 Bit Only								
SLES 15	✗	✗	✗					
14G PE-C	C6420-M	C6420-F	C4140					
64 Bit Only								
SLES 15	✗	✗	✗					
14G Modular	M1000e Blade	FX2 Blade						
64 Bit Only								
SLES 15	✗	✗						
14G Tower	T440	T640						
64 Bit Only								
SLES 15	✗	✗						

* BOSS is not supported with VT enabled on SLES15 on AMD Platforms

- Ubuntu Server LTS 支持列表

Ubuntu Server 16.04 LTS, 14G Rack Servers, Blades, To

14G Rack	R440	R540	R640	R740	R740xd	R840	R940	R940xa
64 Bit Only								
16.04.1 (4.4)	Y	Y	Y	Y	Y	Y		
16.04.4 (4.13)	Y	Y	Y	Y	Y	Y	Y	Y
16.04.5 (4.15)	Y	Y	Y	Y	Y	Y	Y	Y
14G Rack AMD	R6415	R7415	R7425					
64 Bit Only								
16.04.4 (4.13)	Y	Y	Y					
16.04.5 (4.15)	Y	Y	Y					
14G PE-C	C6420	C4140						
64 Bit Only								
16.04.1 (4.4)	Y							
16.04.4 (4.13)	Y	Y	Y					
16.04.5 (4.15)	Y	Y	Y					
14G Tower	T440	T640						
64 Bit Only								
16.04.1 (4.4)	Y	Y						
16.04.4 (4.13)	Y	Y	Y					
16.04.5 (4.15)	Y	Y	Y					
14G Blade	Std Blade	FX2 Blade						
	M640	FC640						
64 Bit Only								
16.04.1 (4.4)	Y							
16.04.4 (4.13)	Y	Y	Y					
16.04.5 (4.15)	Y	Y	Y					

Ubuntu Server 18.04 LTS, 14G Rack Servers, Blades, Towers & PE-C

14G Rack	XR2	R440	R540	R640	R740	R740xd	R840	R940	R940xa
64 Bit Only									
18.04 (4.15)	Y	Y	Y	Y	Y	Y	Y	Y	Y
18.04.1	Y	Y	Y	Y	Y	Y	Y	Y	Y
14G Rack AMD	R6415*	R7415*	R7425						
64 Bit Only									
18.04 (4.15)	Y	Y	Y						
18.04.1	Y	Y	Y						
14G PE-C	C6420	C4140							
64 Bit Only									
18.04 (4.15)	Y	Y							
18.04.1	Y	Y							
14G Modular	M1000e Blade	FX2 Blade							
	M640	FC640							
64 Bit Only									
18.04 (4.15)	Y	Y							
18.04.1	Y	Y							
14G Tower	T440	T640							
64 Bit Only									
18.04 (4.15)	Y	Y							
18.04.1	Y	Y							

* The 4.15.0-29 and 4.15.0-32 kernels do not support the HBA330 on R6415 and R7415

Note: Ubuntu 18.04 does not support the S140/SWRAID configuration

14G 之前服务器的系统支持请参考：[11G、12G、13G 服务器系统支持查询](#)

