

Produktinformation



Dell EMC PowerEdge R640 - rack-mountable - Xeon Silver 4214 2.2 GHz - 32 GB - SSD 480 GB

Information



<i>Tillverkare</i>	Dell
<i>Artnr</i>	H9W34

The PowerEdge R640 is the ideal dual-socket! 1U platform for dense scale-out data center computing. The R640 combines density, performance and scalability to optimize application performance and data center density.

Specifikation

General

Type	Server
Bundled Services	3 Years Basic Onsite
Product Form Factor	Rack-mountable - 1U
Server Scalability	2-way
Hot-Swap Bays Qty	8
Colour	Black

Processor / Chipset

CPU	Intel Xeon Silver 4214 / 2.2 GHz
Max Turbo Speed	3.2 GHz
Number of Cores	12-core
CPU Qty	1
Max CPU Qty	2
CPU Upgradability	Upgradable
Processor Main Features	Intel Turbo Boost Technology 2

Cache Memory

Installed Size	16.5 MB
Cache Per Processor	16.5 MB

RAM

Installed Size	32 GB / 1.5 TB (max)
Technology	DDR4 SDRAM
Effective Memory Speed	2400 MHz
Rated Memory Speed	2933 MHz
Form Factor	DIMM 288-pin
Slots	24 (Total) / 23 (empty)
Features	Registered, dual rank
Configuration Features	1 x 32 GB
RAM Supported	3 TB Load-Reduced 1.5 TB registered 192 GB Non-Volatile

Hard Drive

Type	SSD - hot-swap - 2.5"
Capacity	1 x 480 GB
Interface Type	SAS

Storage Controller

Type	1 x RAID
Storage Controller Name	Dell PERC H730P
Buffer Size	2 GB

Optical Storage

Type	No optical drive
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Monitor

Monitor Type	None.
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Graphics Controller

Graphics Processor	Matrox G200eW3
Video Memory	16 MB
Video Interfaces	VGA

Networking

Ethernet Ports	2 x 10 Gigabit Ethernet, 2 x Gigabit Ethernet
Ethernet Controller	Broadcom BCM5720, Broadcom BCM57412
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, 10 Gigabit Ethernet
Remote Management Controller	Integrated Dell Remote Access Controller 9 Enterprise (iDRAC9)

Expansion / Connectivity

Bays	8 hot-swap 2.5"
Slots	2 PCIe 3.0 x16 - low-profile
Interfaces	2 x LAN (Gigabit Ethernet) - RJ-45 2 x USB 3.0 (2 rear) 1 x USB 2.0 (1 in front) 1 x USB 2.0 - micro-USB (1 in front) 1 x management (NIC) 1 x serial 2 x VGA (1 front, 1 rear) 2 x LAN (10Gigabit Ethernet) (SFP+)

Miscellaneous

Included Accessories Rack sliding rails, bezel, riser card

Power

Device Type Power supply - hot-plug

Power Redundancy Optional

Power Redundancy Scheme 1+1 (with optional power supply)

Installed Qty 1

Max Supported Qty 2

Nominal Voltage AC 120/230 V (50/60 Hz)

Power Provided 750 Watt

Operating System / Software

OS Provided No operating system

Manufacturer Warranty

Service & Support Limited warranty - 3 years - response time: next business day

Dimensions & Weight

Width 48.2 cm

Depth 75.775 cm

Height 4.28 cm

Weight 21.9 kg

Environmental Parameters

Min Operating Temperature 10 °C

Max Operating Temperature 35 °C

Humidity Range Operating 10 - 80%