

Produktinformation



Dell EMC PowerEdge R640 - rack-mountable - Xeon Gold 5218R 2.1 GHz - 32 GB - SSD 480 GB

Information



<i>Tillverkare</i>	Dell
<i>Artnr</i>	85HD7

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 Gold 5218R / 2.1 GHz
Max Turbo Speed	4 GHz
Number of Cores	20-core
CPU Qty	1
Max CPU Qty	2
CPU Upgradability	Upgradable
Processor Main Features	Intel Turbo Boost Technology 2
CPU Socket	FCLGA3647 Socket

Cache Memory

Installed Size	27.5 MB
Cache Per Processor	27.5 MB

RAM	
Installed Size	32 GB / 1.5 TB (max)
Technology	DDR4 SDRAM
Effective Memory Speed	2667 MHz
Rated Memory Speed	3200 MHz
Form Factor	DIMM 288-pin
Slots	24 (Total) / 23 (empty)
Features	Registered, dual rank
Configuration Features	1 x 32 GB
RAM Supported	12 TB Load-Reduced 1.5 TB registered 192 GB Non-Volatile 6 TB Optane DC Persistent
Hard Drive	
Type	SSD - hot-swap - 2.5"
Capacity	1 x 480 GB
Interface Type	SATA 6Gb/s
Features	1 DWPD, Read Intensive
Storage Controller	
Type	1 x RAID
Storage Controller Name	Dell PERC H730P
Buffer Size	2 GB
Optical Storage	
Type	No optical drive
Monitor	
Monitor Type	None.
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 BCM57416
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 (total) / 7 (free) x 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 management - 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	Bezel, riser card, rack rails without cable management arm
Pricing Type	Build To Plan (BTP)
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%