

Produktinformation



Dell EMC PowerEdge R640 - rack-mountable - Xeon Silver 4110 2.1 GHz - 16 GB - HDD 300 GB

Information



<i>Tillverkare</i>	Dell
<i>Artnr</i>	P89X8

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

Status	N1
Type	Server
Product Form Factor	Rack-mountable - 1U
Embedded Security	Trusted Platform Module (TPM) Security Chip
Server Scalability	2-way
Hot-Swap Bays Qty	8
Colour	Black

Processor / Chipset

CPU	Intel Xeon Silver 4110 / 2.1 GHz
Max Turbo Speed	3 GHz
Number of Cores	8-core
CPU Qty	1
Max CPU Qty	2
CPU Upgradability	Upgradable
Processor Main Features	Intel Turbo Boost Technology 2

Cache Memory

Installed Size	11 MB
Cache Per Processor	11 MB

RAM	
Installed Size	16 GB
Technology	DDR4 SDRAM - ECC
Effective Memory Speed	2400 MHz
Rated Memory Speed	2667 MHz
Form Factor	DIMM 288-pin
Slots	24 (Total) / 23 (empty)
Features	Registered, dual rank
Configuration Features	1 x 16 GB
RAM Supported	1536 GB Load-Reduced - ECC 768 GB registered - ECC
Hard Drive	
Type	HDD - hot-swap
Capacity	1 x 300 GB
Interface Type	SAS
Spindle Speed	15000 rpm
Storage Controller	
Type	1 x RAID
Controller Interface Type	SAS 12Gb/s
Storage Controller Name	Dell PERC H730P+
RAID Level	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10, RAID 50, RAID 60
Buffer Size	2 GB
Monitor	
Monitor Type	None.
Graphics Controller	
Video Interfaces	VGA
Networking	
Ethernet Ports	4 x Gigabit Ethernet
Ethernet Controller	Broadcom BCM5720
Data Link Protocol	Ethernet, Fast Ethernet, 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 - half-length, low-profile
Interfaces	4 x LAN (Gigabit Ethernet) 2 x USB 3.0 - Type A 1 x USB 2.0 - Type A (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)
Miscellaneous	

Included Accessories Rack sliding rails, bezel

Pricing Type Build To Plan (BTP)

Manufacturer Selling Program Dell Smart Value

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

Software Dell OpenManage Essentials

Manufacturer Warranty

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

Dimensions & Weight

Width 48.2 cm

Depth 80.851 cm

Height 4.28 cm

Environmental Parameters

Min Operating Temperature 10 °C

Max Operating Temperature 35 °C

Humidity Range Operating 10 - 80%