

Dell PowerEdge R450 - Server - rack-mountable

1U - 2-way - 1 x Xeon Silver 4314 / 2.4 GHz - RAM 32 GB - SAS - hot-swap 2.5" bay(s) - SSD 480 GB - no graphics - GigE - no OS - monitor: none - black - with 3 Years Basic Onsite



Group	Servers
Manufacturer	Dell
Manufacturer item no.	WXC1F
EAN/UPC	5397184745656

Description

The Dell PowerEdge R450, with powerful processors, offers improved performance and exceptional value in a 1U rack server.

Main features

Product Description	Dell PowerEdge R450 - rack-mountable - Xeon Silver 4314 2.4 GHz - 32 GB - SSD 480 GB
Type	Server - rack-mountable
Bundled Services	3 Years Basic Onsite
Height (Rack Units)	1U
Server Scalability	2-way
Processor	1 x Intel Xeon Silver 4314 / 2.4 GHz (3.4 GHz) (16-core)
Processor Socket	FCLGA4189 Socket
Processor Main Features	Intel Turbo Boost Technology 2
Cache Memory	24 MB
Cache Per Processor	24 MB
RAM	32 GB (installed) / 1 TB (max) - DDR4 SDRAM
Storage Controller	RAID (PERC H755 Front)
Server Storage Bays	Hot-swap 2.5"
Hard Drive	SSD 480 GB (hot-swap) - SATA 6Gb/s
Optical Storage	No optical drive
Graphics Controller	No graphics
Networking	GigE
Power Redundancy	Optional
OS Provided	No operating system
Colour	Black
Dimensions (WxDxH)	48.2 cm x 68.419 cm x 4.28 cm
Weight	16.58 kg

Extended details

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 4314
Clock Speed	2.4 GHz
Max Turbo Speed	3.4 GHz
Number of Cores	16-core
CPU Qty	1
Max CPU Qty	2
CPU Upgradability	Upgradable
Processor Main Features	Intel Turbo Boost Technology 2
CPU Socket	FCLGA4189 Socket

Cache Memory

Installed Size	24 MB
Cache Per Processor	24 MB

RAM

Installed Size	32 GB / 1 TB (max)
Technology	DDR4 SDRAM
Effective Memory Speed	2667 MHz
Rated Memory Speed	3200 MHz
Form Factor	DIMM 288-pin
Slots	16 (Total) / 15 (empty)
Features	Registered, dual rank
Configuration Features	1 x 32 GB

Hard Drive

Type	SSD - hot-swap
Capacity	1 x 480 GB
Interface Type	SATA 6Gb/s
Features	1 DWPD, Read Intensive

Storage Controller

Type	1 x RAID
Storage Controller Name	PERC H755 Front

Optical Storage

Type	No optical drive
	Monitor
Monitor Type	None.
	Graphics Controller
Graphics Processor	No graphics
	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 15G (iDRAC9 15G)
Compliant Standards	OCP 3.0
	Expansion / Connectivity
Bays	8 (total) / 7 (free) x hot-swap 2.5"
Slots	1 (total) / 1 (free) x PCIe 4.0 x16 / Open Compute Project mezzanine (OCP) 3.0 1 (total) / 1 (free) x PCIe 4.0 x16 (low-profile)
Interfaces	4 x LAN (Gigabit Ethernet) 1 x USB 2.0 2 x VGA (1 front, 1 rear) 1 x management - micro-USB (1 in front) (iDRAC Direct port) 2 x USB 3.0 (1 front, 1 rear)
	Miscellaneous
Included Accessories	Bezel, riser card, ReadyRails sliding rails without cable management arm
	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
Power Provided	800 Watt
	Operating System / Software
OS Provided	No operating system
	Dimensions & Weight
Width	48.2 cm
Depth	68.419 cm
Height	4.28 cm
Weight	16.58 kg

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