



DELL PowerEdge R450 palvelin 480 GB Teline (1U) Intel® Xeon Silver 4314 2,4 GHz 16 GB DDR4-SDRAM 1100 W

Tuotemerkki : DELL

Tuoteperhe: PowerEdge

Tuotekoodi: 61P8P

Tuotteen nimi : R450



DELL PowerEdge R450. Suoritinperhe: Intel® Xeon Silver, Prosessorin taajuus: 2,4 GHz, Prosessorimalli: 4314. Sisäinen muisti: 16 GB, Sisäisen muistin tyyppi: DDR4-SDRAM, Muistin sijoittelu (paikat x koko): 1 x 16 GB. Kokonaistallennuskapasiteetti: 480 GB. Ethernet LAN, Kaapelitekniikka: 10/100/1000Base-T(X). Virtalähde: 1100 W, Vikasietoisen virtalähteen tuki (RPS). Alustatyyppi: Teline (1U)



Processor		Software	
Processor manufacturer *	Intel	Operating system installed *	✗
Processor family *	Intel Xeon Silver		Canonical Ubuntu Server LTS Citrix Hypervisor Microsoft Windows Server with Hyper-V Red Hat Enterprise Linux SUSE Linux Enterprise Server VMware ESXi
Processor generation	3rd Generation Intel® Xeon® Scalable	Compatible operating systems *	
Processor model *	4314		
Processor frequency *	2.4 GHz		
Processor boost frequency	3.4 GHz		
Processor cores	16		
Processor cache	24 MB		
Number of processors installed	1		
Processor threads	32		
Memory		Power	
Internal memory *	16 GB	Redundant power supply (RPS) support *	✓
Internal memory type *	DDR4-SDRAM	Power supply *	1100 W
Buffered memory type	Registered (buffered)	Number of redundant power supplies supported	2
Memory ranking	2	Number of redundant power supplies installed	2
Memory slots	16x DIMM	Power supply input voltage	100 - 240 V
Memory layout (slots x size)	1 x 16 GB	Power cable length	2 m
Memory data transfer rate	3200 MT/s	Power cable connector 1	C13 coupler
Storage		Power cable connector 2	C14 coupler
Total storage capacity *	480 GB	Power cable current	12 A
Number of SSDs installed	1	Operational conditions	
SSD capacity	480 GB	Operating temperature (T-T)	10 - 35 °C
SSD interface	SATA III	Storage temperature (T-T)	-40 - 65 °C
SSD size	2.5"	Operating relative humidity (H-H)	8 - 80%
Supported SSD sizes	2.5"	Storage relative humidity (H-H)	5 - 95%
Number of SSDs supported	8	Operating altitude	0 - 3048 m
RAID support *	✓	Non-operating altitude	0 - 12000 m
		Carbon footprint	
		Total carbon footprint (kg of CO2e)	8260

Storage		Carbon footprint	
Supported RAID controllers	PERC H755	Total carbon emissions, standard deviation (kg of CO2e)	4440
Hot-Plug support	✓	Carbon emissions, manufacturing (kg of CO2e)	1001
Optical drive type *	✗	Carbon emissions, logistics (kg of CO2e)	138
Drive writes per day (DWPD)	1	Carbon emissions, energy usage (kg of CO2e)	7100
Network		Carbon emissions, end-of-life (kg of CO2e)	22
Ethernet LAN	✓	Total carbon emissions, w/o use phase (kg of CO2e)	1160
Cabling technology	10/100/1000Base-T(X)	PAIA version	1.3.2, 2022
Ethernet interface type	Gigabit Ethernet	Weight & dimensions	
Ports & interfaces		Width	482 mm
Ethernet LAN (RJ-45) ports *	2	Height	42.8 mm
USB 2.0 ports quantity	1	Other features	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	3	Data transfer rate	6 Gbit/s
VGA (D-Sub) ports quantity	2	Bytes per sector	512
Expansion slots			
PCI Express x16 slots	2		
Design			
Chassis type *	Rack (1U)		
Product colour	Black		
Bezel	✓		
Performance			
Remote administration	iDRAC9, Enterprise 15G		



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