DELL

DELL PowerEdge R450 palvelin 480 GB Teline (1U) Intel® Xeon Silver 4309Y 2,8 GHz 16 GB DDR4-SDRAM 1100 W

Tuotemerkki : DELL   **Tuoteperhe:** PowerEdge   **Tuotekoodi:** FHYWN

Tuotteen nimi : R450

DELL PowerEdge R450. Suoritinperhe: Intel® Xeon Silver, Prosessorin taajuus: 2,8 GHz, Prosessorimalli: 4309Y. 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

Processor manufacturer *	Intel
Processor family *	Intel Xeon Silver
Processor generation	3rd Generation Intel® Xeon® Scalable
Processor model *	4309Y
Processor frequency *	2.8 GHz
Processor boost frequency	3.6 GHz
Efficient-core base frequency	0.0028 GHz
Performance-core base frequency	2.8 GHz
Processor cores	8
Processor cache	12 MB
Number of processors installed	1
Processor threads	16

Memory

Internal memory *	16 GB
Internal memory type *	DDR4-SDRAM
Buffered memory type	Registered (buffered)
Memory ranking	2
Memory slots	16x DIMM
Memory layout (slots x size)	1 x 16 GB
Memory data transfer rate	3200 MT/s

Storage

Total storage capacity *	480 GB
Number of SSDs installed	1
SSD capacity	480 GB
SSD interface	SATA III
SSD size	2.5"
Supported SSD sizes	2.5"

Design

Bezel	✔

Performance

Remote administration	iDRAC9, Enterprise 15G

Software

Operating system installed *	✗
Compatible operating systems *	Canonical Ubuntu Server LTS Citrix Hypervisor Microsoft Windows Server with Hyper-V Red Hat Enterprise Linux SUSE Linux Enterprise Server VMware ESXi

Power

Redundant power supply (RPS) support *	✔
Power supply *	1100 W
Number of redundant power supplies supported	2
Number of redundant power supplies installed	2
Power supply input voltage	100 - 240 V
Power cable length	2 m
Power cable connector 1	C13 coupler
Power cable connector 2	C14 coupler
Power cable current	12 A

Operational conditions

Operating temperature (T-T)	10 - 35 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	8 - 80%
Storage relative humidity (H-H)	5 - 95%
Operating altitude	0 - 3048 m

Storage

Number of SSDs supported	8
RAID support *	✔
Supported RAID controllers	PERC H755
Hot-Plug support	✔
Optical drive type *	✘
Drive writes per day (DWPD)	1

Graphics

Thermal Design Power (TDP)	105 W

Network

Ethernet LAN	✔
Cabling technology	10/100/1000Base-T(X)
Ethernet interface type	Gigabit Ethernet

Ports & interfaces

Ethernet LAN (RJ-45) ports *	2
USB 2.0 ports quantity	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	3
VGA (D-Sub) ports quantity	2

Expansion slots

PCI Express x16 slots	2

Design

Chassis type *	Rack (1U)
Product colour	Black

Operational conditions

Non-operating altitude	0 - 12000 m

Carbon footprint

Total carbon footprint (kg of CO2e)	8260
Total carbon emissions, standard deviation (kg of CO2e)	4440
Carbon emissions, manufacturing (kg of CO2e)	1001
Carbon emissions, logistics (kg of CO2e)	138
Carbon emissions, energy usage (kg of CO2e)	7100
Carbon emissions, end-of-life (kg of CO2e)	22
Total carbon emissions, w/o use phase (kg of CO2e)	1160
PAIA version	1.3.2, 2022

Weight & dimensions

Width	482 mm
Height	42.8 mm

Other features

Data transfer rate	6 Gbit/s
Bytes per sector	512

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