DELL

DELL PowerEdge R550 palvelin 480 GB Teline (2U) Intel® Xeon Silver 4314 2,4 GHz 32 GB DDR4-SDRAM 1100 W

Tuotemerkki : DELL   **Tuoteperhe:** PowerEdge   **Tuotekoodi:** 25G33

Tuotteen nimi : R550

DELL PowerEdge R550. Suoritinperhe: Intel® Xeon Silver, Prosessorin taajuus: 2,4 GHz, Prosessorimalli: 4314. Sisäinen muisti: 32 GB, Sisäisen muistin tyyppi: DDR4-SDRAM, Muistin sijoittelu (paikat x koko): 1 x 32 GB. Kokonaistallennuskapasiteetti: 480 GB. Ethernet LAN. Virtalähde: 1100 W, Vikasietoisen virtalähteen tuki (RPS). Alustatyyppi: Teline (2U)

Processor

Processor manufacturer *	Intel
Processor family *	Intel Xeon Silver
Processor generation	3rd Generation Intel® Xeon® Scalable
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

Memory

Internal memory *	32 GB
Internal memory type *	DDR4-SDRAM
Buffered memory type	Registered (buffered)
Memory ranking	2
Memory slots	16x DIMM
Memory clock speed	2933 MHz
Memory layout (slots x size)	1 x 32 GB
Memory data transfer rate	3200 MT/s
Maximum internal memory *	1 TB

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	3.5"
Number of SSDs supported	8

Design

Product colour	Black
Rack rails	✔
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

Storage

RAID support *	✔
Supported RAID controllers	PERC H755
Hot-Plug support	✔
Optical drive type *	✘
Internal drive bays	8
Supported storage drive interfaces	SAS, Serial ATA
Drive writes per day (DWPD)	1
Storage drive adapter included	✔
Storage drive adapter type	2.5" - 3.5"

Graphics

On-board graphics card	✘

Network

Ethernet LAN	✔

Ports & interfaces

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

Design

Chassis type *	Rack (2U)

Operational conditions

Operating relative humidity (H-H)	8 - 80%
Storage relative humidity (H-H)	5 - 95%
Operating altitude	0 - 3048 m
Non-operating altitude	0 - 12000 m

Carbon footprint

Total carbon footprint (kg of CO2e)	8790
Total carbon emissions, standard deviation (kg of CO2e)	4760
Carbon emissions, manufacturing (kg of CO2e)	1018
Carbon emissions, logistics (kg of CO2e)	162
Carbon emissions, energy usage (kg of CO2e)	7580
Carbon emissions, end-of-life (kg of CO2e)	26
Total carbon emissions, w/o use phase (kg of CO2e)	1206
PAIA version	1.3.2, 2022

Other features

Data transfer rate	6 Gbit/s
Bytes per sector	512

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