



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		Design	
Processor manufacturer *	Intel	Product colour	Black
Processor family *	Intel Xeon Silver	Rack rails	✓
Processor generation	3rd Generation Intel® Xeon® Scalable	Bezel	✓
Processor model *	4314	Performance	
Processor frequency *	2.4 GHz	Remote administration	iDRAC9, Enterprise 15G
Processor boost frequency	3.4 GHz	Software	
Processor cores	16	Operating system installed *	✗
Processor cache	24 MB	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
Number of processors installed	1		
Memory		Power	
Internal memory *	32 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 clock speed	2933 MHz	Power cable length	2 m
Memory layout (slots x size)	1 x 32 GB	Power cable connector 1	C13 coupler
Memory data transfer rate	3200 MT/s	Power cable connector 2	C14 coupler
Maximum internal memory *	1 TB	Power cable current	12 A
Storage		Operational conditions	
Total storage capacity *	480 GB	Operating temperature (T-T)	10 - 35 °C
Number of SSDs installed	1	Storage temperature (T-T)	-40 - 65 °C
SSD capacity	480 GB		
SSD interface	SATA III		
SSD size	2.5"		
Supported SSD sizes	3.5"		
Number of SSDs supported	8		

Storage		Operational conditions	
RAID support *	✓	Operating relative humidity (H-H)	8 - 80%
Supported RAID controllers	PERC H755	Storage relative humidity (H-H)	5 - 95%
Hot-Plug support	✓	Operating altitude	0 - 3048 m
Optical drive type *	✗	Non-operating altitude	0 - 12000 m
Internal drive bays	8	Carbon footprint	
Supported storage drive interfaces	SAS, Serial ATA	Total carbon footprint (kg of CO2e)	8790
Drive writes per day (DWPD)	1	Total carbon emissions, standard deviation (kg of CO2e)	4760
Storage drive adapter included	✓	Carbon emissions, manufacturing (kg of CO2e)	1018
Storage drive adapter type	2.5" - 3.5"	Carbon emissions, logistics (kg of CO2e)	162
Graphics		Carbon emissions, energy usage (kg of CO2e)	7580
On-board graphics card	✗	Carbon emissions, end-of-life (kg of CO2e)	26
Network		Total carbon emissions, w/o use phase (kg of CO2e)	1206
Ethernet LAN	✓	PAIA version	1.3.2, 2022
Ports & interfaces		Other features	
Ethernet LAN (RJ-45) ports *	2	Data transfer rate	6 Gbit/s
USB 2.0 ports quantity	2	Bytes per sector	512
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)		



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