



DELL PowerEdge R550 palvelin 480 GB Teline (2U) Intel® Xeon Silver 4310 2,1 GHz 16 GB DDR4-SDRAM 1100 W

Tuotemerkki : DELL

Tuoteperhe: PowerEdge

Tuotekoodi: XF0P3

Tuotteen nimi : R550



DELL PowerEdge R550. Suoritinperhe: Intel® Xeon Silver, Prosessorin taajuus: 2,1 GHz, Prosessorimalli: 4310. Sisäinen muisti: 16 GB, Sisäisen muistin tyyppi: DDR4-SDRAM, Muistin sijoittelu (paikat x koko): 1 x 16 GB. Kokonaistallennuskapasiteetti: 480 GB. Ethernet LAN. Virtalähde: 1100 W, Vikasietoisen virtalähteen tuki (RPS). Alustatyyppi: Teline (2U)



Processor		Design	
Processor manufacturer *	Intel	Bezel	✗
Processor family *	Intel Xeon Silver		
Processor generation	3rd Generation Intel® Xeon® Scalable		
Processor model *	4310		
Processor frequency *	2.1 GHz		
Processor boost frequency	3.3 GHz		
Processor cores	12		
Processor cache	18 MB		
Number of processors installed	1		
System bus rate	10.4 GT/s		
Processor threads	24		
Maximum internal memory supported by processor	512 GB		
Memory		Performance	
Internal memory *	16 GB	Remote administration	iDRAC9, Enterprise 15G
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 16 GB		
Memory data transfer rate	3200 MT/s		
Maximum internal memory *	1 TB		
Storage		Software	
Total storage capacity *	480 GB	Operating system installed *	✗
Number of SSDs installed	1	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
SSD capacity	480 GB		
SSD interface	SATA III		
		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		Operational conditions	
SSD size	2.5"	Non-operating altitude	0 - 12000 m
RAID support *	✓	Carbon footprint	
Supported RAID controllers	PERC H755	Total carbon footprint (kg of CO2e)	8790
Hot-Plug support	✓	Total carbon emissions, standard deviation (kg of CO2e)	4760
Optical drive type *	✗	Carbon emissions, manufacturing (kg of CO2e)	1018
Internal drive bays	8	Carbon emissions, logistics (kg of CO2e)	162
Supported storage drive interfaces	SAS, Serial ATA	Carbon emissions, energy usage (kg of CO2e)	7580
Drive writes per day (DWPD)	1	Carbon emissions, end-of-life (kg of CO2e)	26
Network		Total carbon emissions, w/o use phase (kg of CO2e)	1206
LAN controller	Broadcom 57412	PAIA version	1.3.2, 2022
Ethernet LAN	✓	Technical details	
Ethernet interface type	10 Gigabit Ethernet	Supported storage drives form factor (internal)	3.5"
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)		
Product colour	Black		
Rack rails	✓		



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