



## DELL PowerEdge R550 palvelin 480 GB Teline ( 2U ) Intel® Xeon Silver 4309Y 2,8 GHz 16 GB DDR4-SDRAM 1100 W

**Tuotemerkki :** DELL

**Tuoteperhe:** PowerEdge

**Tuotekoodi:** KJN4Y

**Tuotteen nimi :** R550



DELL PowerEdge R550. 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 ( 2U )



Processor		Design	
Processor manufacturer *	Intel	Bezel	✓
Processor family *	Intel Xeon Silver	<b>Performance</b>	
Processor generation	3rd Generation Intel® Xeon® Scalable	Remote administration	iDRAC9, Enterprise 15G
Processor model *	4309Y	<b>Software</b>	
Processor frequency *	2.8 GHz	Operating system installed *	✗
Processor boost frequency	3.6 GHz	Compatible operating systems *	
Efficient-core base frequency	0.0028 GHz	Canonical Ubuntu Server LTS Citrix Hypervisor Microsoft Windows Server with Hyper-V Red Hat Enterprise Linux SUSE Linux Enterprise Server VMware ESXi	
Performance-core base frequency	2.8 GHz	<b>Power</b>	
Processor cores	8	Redundant power supply (RPS) support *	✓
Processor cache	12 MB	Power supply *	1100 W
Number of processors installed	1	Number of redundant power supplies supported	2
System bus rate	10.4 GT/s	Number of redundant power supplies installed	2
Processor threads	16	Power supply input voltage	100 - 240 V
Maximum internal memory supported by processor	512 GB	Power cable length	2 m
<b>Memory</b>		Power cable connector 1	C13 coupler
Internal memory *	16 GB	Power cable connector 2	C14 coupler
Internal memory type *	DDR4-SDRAM	Power cable current	12 A
Buffered memory type	Registered (buffered)	<b>Operational conditions</b>	
Memory ranking	2	Operating temperature (T-T)	10 - 35 °C
Memory slots	16x DIMM	Storage temperature (T-T)	-40 - 65 °C
Memory clock speed	2933 MHz	Operating relative humidity (H-H)	8 - 80%
Memory layout (slots x size)	1 x 16 GB	Storage relative humidity (H-H)	5 - 95%
Memory data transfer rate	3200 MT/s	Operating altitude	0 - 3048 m
Maximum internal memory *	1 TB		
<b>Storage</b>			
Total storage capacity *	480 GB		
Number of SSDs installed	1		

<b>Storage</b>		<b>Operational conditions</b>	
SSD capacity	480 GB	Non-operating altitude	0 - 12000 m
SSD interface	SATA III	<b>Carbon footprint</b>	
SSD size	2.5"	Total carbon footprint (kg of CO2e)	8790
RAID support *	✓	Total carbon emissions, standard deviation (kg of CO2e)	4760
Supported RAID controllers	PERC H755	Carbon emissions, manufacturing (kg of CO2e)	1018
Hot-Plug support	✓	Carbon emissions, logistics (kg of CO2e)	162
Optical drive type *	✗	Carbon emissions, energy usage (kg of CO2e)	7580
Internal drive bays	8	Carbon emissions, end-of-life (kg of CO2e)	26
Supported storage drive interfaces	SAS, Serial ATA	Total carbon emissions, w/o use phase (kg of CO2e)	1206
Drive writes per day (DWPD)	1	PAIA version	1.3.2, 2022
<b>Network</b>		<b>Weight &amp; dimensions</b>	
LAN controller	Broadcom 57412	Width	482 mm
Ethernet LAN	✓	Depth	721.7 mm
Cabling technology	10/100/1000Base-T(X)	Height	86.8 mm
Ethernet interface type	10 Gigabit Ethernet	<b>Technical details</b>	
<b>Ports &amp; interfaces</b>		Supported storage drives form factor (internal)	3.5"
Ethernet LAN (RJ-45) ports *	2	<b>Other features</b>	
USB 2.0 ports quantity	2	Data transfer rate	6 Gbit/s
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1	Bytes per sector	512
VGA (D-Sub) ports quantity	2		
<b>Design</b>			
Chassis type *	Rack (2U)		
Product colour	Black		
Rack rails	✓		



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