



DELL R570 server 960 GB Rack (2U) Intel Xeon 6 6507P 3.5 GHz 32 GB DDR5-SDRAM 1100 W



Brand : DELL

Product code: 3J05W

Product name : R570

- No OS
- Intel Xeon 6 6507P (48MB Cache, 3.5GHz)
- 32GB DDR5-SDRAM (1 x 32) & 960GB SSD
- iDRAC10, Enterprise 17G

Intel Xeon 6 6507P (48MB Cache, 3.5GHz), 32GB DDR5-SDRAM, 960GB SSD, PERC H965i Controller, Front, DC-MHS, iDRAC10, Unconfigured RAID for HDDs or SSDs (Mixed Drive Types Allowed), Enterprise 17G, 2 x 1100W, No OS

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Simple, Scalable and Efficient Solutions

The Dell PowerEdge R570 is a 2U, one-socket rack server engineered for high-performance computing with exceptional power efficiency and balanced performance, driving cost savings and boosting data center productivity.

DELL R570. Processor family: Intel Xeon 6, Processor frequency: 3.5 GHz, Processor model: 6507P.

Internal memory: 32 GB, Internal memory type: DDR5-SDRAM, Memory layout (slots x size): 1 x 32 GB.

Total storage capacity: 960 GB. Power supply: 1100 W, Redundant power supply (RPS) support. Chassis type: Rack (2U)

Processor		Expansion slots	
Processor manufacturer *	Intel	PCI Express x16 (Gen 5.x) slots	2
Processor family *	Intel Xeon 6	Design	
Processor model *	6507P		
Processor frequency *	3.5 GHz		
Processor boost frequency	4.2 GHz		
Processor cores	8	Chassis type *	Rack (2U)
Processor cache	48 MB	Product colour	Black
Number of processors installed	1	Bezel	✓
Thermal Design Power (TDP)	150 W	Performance	
System bus rate	24 GT/s	Remote administration	iDRAC10, Enterprise 17G
Processor threads	16	Software	
Memory types supported by processor	DDR5-SDRAM	Operating system installed *	✗
Memory clock speeds supported by processor	6400 MHz	Compatible operating systems *	Canonical Ubuntu Server LTS RedHat Enterprise Linux SUSE Linux Enterprise Server VMware ESXi Windows Server Windows Server Datacenter
Memory		Power	
Internal memory *	32 GB	Redundant power supply (RPS) support *	✓
Internal memory type *	DDR5-SDRAM	Power supply *	1100 W
Buffered memory type	Registered (buffered)	Number of redundant power supplies installed	2
Memory ranking	2	Power supply input voltage	100 - 240 V
Memory slots	16x DIMM	Certificates	
Memory layout (slots x size)	1 x 32 GB	80 PLUS certification	80 PLUS Titanium
Memory data transfer rate	6400 MT/s	Carbon footprint	
Maximum internal memory *	1 TB	Total carbon footprint (kg of CO2e)	1247
Storage		Total carbon emissions, standard deviation (kg of CO2e)	101
Total storage capacity *	960 GB	Carbon emissions, manufacturing (kg of CO2e)	463.884
Number of SSDs installed	1	Carbon emissions, logistics (kg of CO2e)	209.496
SSD capacity	960 GB	Carbon emissions, energy usage (kg of CO2e)	537.457
SSD interface	SATA III		
SSD size	2.5"		
Supported SSD sizes	2.5"		
Number of SSDs supported	16		
RAID support *	✓		

Storage		Carbon footprint	
Supported RAID controllers	PERC H965i Controller, Front, DC-MHS	Carbon emissions, end-of-life (kg of CO2e)	37.41
Hot-Plug support	✓	PAIA version	PAIA 1.4.7, 2025
Optical drive type *	✗	Weight & dimensions	
Drive writes per day (DWPD)	1	Width	482 mm
Ports & interfaces		Height	86.8 mm
Ethernet LAN (RJ-45) ports *	2	Packaging content	
USB 2.0 ports quantity	1	Packaging content	2x Rack Power Cord 2M (C13/C14 12A) - FGA Only 2U Combo Drop-In/Stab-In Rails,Riser Config 5
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	3	Other features	
VGA (D-Sub) ports quantity	1	Data transfer rate	6 Gbit/s
		Bytes per sector	512e
		Target workload	Read Intensive (RI)
		Open Compute Project (OCP)	1x16 FLOP, 1x16 Onboard, 1 Rear Blank



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