



DELL R570 server 1.92 TB Rack (2U) Intel Xeon 6 6517P 3.2 GHz 32 GB DDR5-SDRAM 1100 W



Brand : DELL

Product code: RCYKN

Product name : R570

- No OS
- Intel Xeon 6 6517P (72MB Cache, 3.2GHz)
- 32GB DDR5-SDRAM (1 x 32) & 1920GB SSD
- iDRAC10, Enterprise 17G

Intel Xeon 6 6517P (72MB Cache, 3.2GHz), 32GB DDR5-SDRAM, 1920GB SSD, PERC H965i Controller, Front, DC-MHS, Unconfigured RAID for HDDs or SSDs (Mixed Drive Types Allowed), iDRAC10, Enterprise 17G, 2 x 1100W, No OS

DELL R570 server 1.92 TB Rack (2U) Intel Xeon 6 6517P 3.2 GHz 32 GB DDR5-SDRAM 1100 W:

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: 3.2 GHz, Processor model: 6517P.

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

Total storage capacity: 1.92 TB. 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 *	6517P	Chassis type *	Rack (2U)
Processor frequency *	3.2 GHz	Product colour	Black
Processor boost frequency	4.2 GHz	Bezel	✓
Processor cores	16	Performance	
Processor cache	72 MB	Remote administration	iDRAC10, Enterprise 17G
Number of processors installed	1	Software	
Thermal Design Power (TDP)	190 W	Operating system installed *	✗
System bus rate	24 GT/s	Compatible operating systems * Canonical Ubuntu Server LTS RedHat Enterprise Linux SUSE Linux Enterprise Server VMware ESXi Windows Server Windows Server Datacenter	
Processor threads	32		
Memory types supported by processor	DDR5-SDRAM	Power	
Memory clock speeds supported by processor	6400 MHz	Redundant power supply (RPS) support *	✓
Memory		Power supply *	1100 W
Internal memory *	32 GB	Number of redundant power supplies installed	2
Internal memory type *	DDR5-SDRAM	Power supply input voltage	100 - 240 V
Buffered memory type	Registered (buffered)	Certificates	
Memory ranking	2	80 PLUS certification	80 PLUS Titanium
Memory slots	16x DIMM	Carbon footprint	
Memory layout (slots x size)	1 x 32 GB	Total carbon footprint (kg of CO2e)	1247
Memory data transfer rate	6400 MT/s	Total carbon emissions, standard deviation (kg of CO2e)	101
Maximum internal memory *	1 TB	Carbon emissions, manufacturing (kg of CO2e)	463.88
Storage		Carbon emissions, logistics (kg of CO2e)	209.5
Total storage capacity *	1.92 TB	Carbon emissions, energy usage (kg of CO2e)	537.46
Number of SSDs installed	2		
SSD capacity	960 GB		
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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