



DELL PowerEdge R250 2 TB (1U) Intel Xeon E E-2314 2.8 GHz 8 GB DDR4-SDRAM 450 W

Brand : DELL

Product family: PowerEdge

Product code: 6V2CT

Product name : R250



DELL PowerEdge R250. Processor: Intel Xeon E, Processor frequency: 2.8 GHz, Processor model: E-2314. Memory: 8 GB, Memory type: DDR4-SDRAM, Memory layout (slots x size): 1 x 8 GB. Storage: 2 TB, Storage interface: SATA III. Power: 450 W. Form factor: 1U



Processor		Software	
Processor manufacturer *	Intel	Compatible operating systems *	Canonical® Ubuntu® Server LTS
Processor family *	Intel Xeon E		Citrix® Hypervisor Microsoft®
Processor model *	E-2314		Windows Server® with Hyper-V
Processor frequency *	2.8 GHz		RedHat® Enterprise Linux SUSE®
Processor boost frequency	4.5 GHz		Linux Enterprise Server VMware®
Processor cache	8 MB		ESXi®
Number of processors installed	1		
Execute Disable Bit	✓		
Idle States	✓		
Memory		Processor special features	
Internal memory *	8 GB	CPU configuration (max)	1
Internal memory type *	DDR4-SDRAM	Enhanced Intel SpeedStep Technology	✓
Buffered memory type	Unregistered (unbuffered)	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory slots	4x DIMM	Intel Trusted Execution Technology	✓
ECC	✓	Intel VT-x with Extended Page Tables (EPT)	✓
Memory layout (slots x size)	1 x 8 GB	Intel Software Guard Extensions (Intel SGX)	✓
Memory data transfer rate	3200 MT/s	Intel 64	✓
Maximum internal memory *	128 GB	Intel Virtualization Technology (VT-x)	✓
Storage		Power	
Total storage capacity *	2 TB	Redundant power supply (RPS) support *	✗
Number of HDDs installed	1	Power supply *	450 W
HDD capacity	2 TB	Number of main power supplies	1
HDD interface	SATA III	Power cable length	2 m
HDD speed	7200 RPM	Power cable connector 1	C13 coupler
HDD size	3.5"	Power cable connector 2	C14 coupler
Number of HDDs supported	4	Power cable current	10 A
Supported HDD sizes	3.5"		

Storage		Logistics data	
RAID support *	✘	Harmonized System (HS) code	84714100
Hot-Plug support	✔	Carbon footprint	
Optical drive type *	✘	Total carbon footprint (kg of CO2e)	2100
Graphics		Total carbon emissions, standard deviation (kg of CO2e)	935
On-board graphics card model	Not available	Carbon emissions, manufacturing (kg of CO2e)	505
Network		Carbon emissions, logistics (kg of CO2e)	110
LAN controller	Broadcom 5720	Carbon emissions, energy usage (kg of CO2e)	1470
Ethernet LAN	✔	Carbon emissions, end-of-life (kg of CO2e)	17
Cabling technology	10/100/1000Base-T(X)	Total carbon emissions, w/o use phase (kg of CO2e)	632
Ethernet interface type	Gigabit Ethernet	PAIA version	1.3.2, 2022
Ports & interfaces		Weight & dimensions	
Ethernet LAN (RJ-45) ports *	2	Width	482 mm
USB 2.0 ports quantity	2	Height	42.8 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1	Other features	
VGA (D-Sub) ports quantity	1	Data transfer rate	6 Gbit/s
Design		Bytes per sector	512n
Chassis type *	Rack (1U)		
Product colour	Black		
Rack mounting	✔		
Performance			
Remote administration	iDRAC9, Express 15G		
Software			
Operating system installed *	✘		



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