



# DELL PowerEdge R250 2 Intel Xeon E E-2334 3.4 GHz 16 GB DDR4-SDRAM 700 W

Brand: DELL

Series: PowerEdge

Model: YJ10W

SKU: R250



DELL PowerEdge R250. Processor: Intel Xeon E, Processor family: 3.4 GHz, Processor model: E-2334. Memory: 16 GB DDR4-SDRAM, Memory slots: 1 x 16 GB DIMM. Storage: 2 x 3.5" SATA III. Power: 700 W. Form factor: 2U.



Processor		Design	
Processor manufacturer *	Intel	Bezel	✓
Processor family *	Intel Xeon E	<b>Performance</b>	
Processor model *	E-2334	Remote administration	iDRAC9, Enterprise 15G
Processor frequency *	3.4 GHz	<b>Software</b>	
Processor boost frequency	4.8 GHz	Operating system installed *	✗
Processor cores	4	Compatible operating systems *	
Processor cache	8 MB	Canonical® Ubuntu® Server LTS Citrix® Hypervisor Microsoft® Windows Server® with Hyper-V RedHat® Enterprise Linux SUSE® Linux Enterprise Server VMware® ESXi®	
Number of processors installed	1	<b>Power</b>	
Thermal Design Power (TDP)	65 W	Redundant power supply (RPS) support *	✗
<b>Memory</b>		Power supply *	700 W
Internal memory *	16 GB	Power supply input voltage	200 - 240 V
Internal memory type *	DDR4-SDRAM	Power cable length	2 m
Buffered memory type	Unregistered (unbuffered)	Power cable connector 1	C13 coupler
Memory slots	4x DIMM	Power cable connector 2	C14 coupler
ECC	✓	Power cable current	10 A
Memory layout (slots x size)	1 x 16 GB	<b>Operational conditions</b>	
Memory data transfer rate	3200 MT/s	Operating temperature (T-T)	10 - 35 °C
Maximum internal memory *	128 GB	Storage temperature (T-T)	-40 - 65 °C
<b>Storage</b>		Storage relative humidity (H-H)	5 - 95%
Total storage capacity *	2 TB	Operating altitude	0 - 3048 m
Number of HDDs installed	1	Non-operating altitude	0 - 12000 m
HDD capacity	2 TB	<b>Carbon footprint</b>	
HDD interface	SATA III	Total carbon footprint (kg of CO2e)	2100
HDD speed	7200 RPM		
HDD size	3.5"		
RAID support *	✓		
Supported RAID controllers	PERC H355		
Hot-Plug support	✓		

<b>Storage</b>		<b>Carbon footprint</b>	
Optical drive type *	✘	Total carbon emissions, standard deviation (kg of CO2e)	935
Internal drive bays	4	Carbon emissions, manufacturing (kg of CO2e)	505
<b>Graphics</b>		Carbon emissions, logistics (kg of CO2e)	110
On-board graphics card	✘	Carbon emissions, energy usage (kg of CO2e)	1470
<b>Network</b>		Carbon emissions, end-of-life (kg of CO2e)	17
LAN controller	Broadcom 5720	Total carbon emissions, w/o use phase (kg of CO2e)	632
Ethernet LAN	✓	PAIA version	1.3.2, 2022
Cabling technology	10/100/1000Base-T(X)	<b>Weight &amp; dimensions</b>	
Ethernet interface type	Gigabit Ethernet	Width	482 mm
<b>Ports &amp; interfaces</b>		Height	42.8 mm
Ethernet LAN (RJ-45) ports *	2	Weight	12.5 kg
USB 2.0 ports quantity	2	<b>Other features</b>	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1	Data transfer rate	6 Gbit/s
VGA (D-Sub) ports quantity	1	Bytes per sector	512n
<b>Design</b>			
Chassis type *	Rack (2U)		
Product colour	Black		
Rack rails	✓		



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