



DELL PowerEdge T150 2 TB (4U) Intel Xeon E E-2314 2.8 GHz 16 GB DDR4-SDRAM 300 W

DELL

PowerEdge

K4G47

T150

DELL PowerEdge T150. Processor: Intel Xeon E, Processor frequency: 2.8 GHz, Processor model: E-2314. Memory: 16 GB, Memory type: DDR4-SDRAM, Memory size: 1 x 16 GB. Storage: 2 TB, HDD size: 3.5", HDD interface: SATA. Network: LAN, Network speed: 10/100/1000Base-T(X). Power: 300 W. Form factor: 4U



Processor		Software	
Processor manufacturer *	Intel	Operating system installed *	✗
Processor family *	Intel Xeon E	Compatible operating systems *	Microsoft Windows Server with Hyper-V Red Hat Enterprise Linux SUSE Linux Enterprise Server Citrix Hypervisor Canonical Ubuntu Server LTS
Processor model *	E-2314		
Processor frequency *	2.8 GHz		
Processor boost frequency	4.5 GHz		
Processor cache	8 MB		
Number of processors installed	1		
Execute Disable Bit	✓		
Idle States	✓		
Memory		Processor special features	
Internal memory *	16 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 clock speed	3200 MHz	Intel Software Guard Extensions (Intel SGX)	✓
Memory layout (slots x size)	1 x 16 GB	Intel 64	✓
Maximum internal memory *	64 GB	Intel Virtualization Technology (VT-x)	✓
Storage		Power	
Total storage capacity *	2 TB	Power supply *	300 W
Number of HDDs installed	1	Number of main power supplies	1
HDD capacity	2 TB		
HDD interface	SATA		
HDD speed	7200 RPM		
HDD size	3.5"		
RAID support *	✗		
Supported RAID controllers	PERC H355		
		Logistics data	
		Harmonized System (HS) code	84714100
		Carbon footprint	
		Total carbon footprint (kg of CO2e)	2230
		Total carbon emissions, standard deviation (kg of CO2e)	1010

Storage		Carbon footprint	
Optical drive type *	✘	Carbon emissions, manufacturing (kg of CO2e)	457
Graphics		Carbon emissions, logistics (kg of CO2e)	139
On-board graphics card model	Not available	Carbon emissions, energy usage (kg of CO2e)	1610
Network		Carbon emissions, end-of-life (kg of CO2e)	21
LAN controller	Broadcom 5720	Total carbon emissions, w/o use phase (kg of CO2e)	617
Ethernet LAN	✔	PAIA version	1.3.2, 2022
Cabling technology	10/100/1000Base-T(X)	Weight & dimensions	
Ethernet interface type	Gigabit Ethernet	Width	175 mm
Ports & interfaces		Depth	453.8 mm
Ethernet LAN (RJ-45) ports *	2	Height	360 mm
USB 2.0 ports quantity	5	Weight	11.7 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2	Other features	
VGA (D-Sub) ports quantity	1	Data transfer rate	6 Gbit/s
Serial ports quantity	1	Bytes per sector	512n
Design			
Chassis type *	Rack (4U)		
Product colour	Black		
Performance			
Remote administration	iDRAC9 Basic 15G		



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