



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

DELL

PowerEdge

K4G47

T150

PowerEdge T150. Processor: Intel Xeon E, Frequency: 2.8 GHz, Model: E-2314. Memory: 16 GB, Type: DDR4-SDRAM, Configuration: 1 x 16 GB. Storage: 2 TB, Size: 3.5", Interface: SATA. Network: LAN, 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

<b>Storage</b>		<b>Carbon footprint</b>	
Optical drive type *	✘	Carbon emissions, manufacturing (kg of CO2e)	457
<b>Graphics</b>		Carbon emissions, logistics (kg of CO2e)	139
On-board graphics card model	Not available	Carbon emissions, energy usage (kg of CO2e)	1610
<b>Network</b>		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)	<b>Weight &amp; dimensions</b>	
Ethernet interface type	Gigabit Ethernet	Width	175 mm
<b>Ports &amp; interfaces</b>		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	<b>Other features</b>	
VGA (D-Sub) ports quantity	1	Data transfer rate	6 Gbit/s
Serial ports quantity	1	Bytes per sector	512n
<b>Design</b>			
Chassis type *	Rack (4U)		
Product colour	Black		
<b>Performance</b>			
Remote administration	iDRAC9 Basic 15G		



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