



DELL PowerEdge T440 server 1 TB Tower (5U) Intel® Xeon® 3106 1.7 GHz 8 GB DDR4-SDRAM

Brand : DELL

Product family: PowerEdge

Product code: C2RNK

Product name : T440

Intel Xeon Bronze 3106 (11M Cache, 1.7GHz), 8GB DDR4 2133MHz, 1000GB HDD, Matrox G200eR2, DualPort Gigabit Ethernet

DELL PowerEdge T440. Processor family: Intel® Xeon®, Processor frequency: 1.7 GHz, Processor model: 3106. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, HDD size: 3.5". Ethernet LAN, Cabling technology: 10/100/1000Base-T(X). Redundant power supply (RPS) support. Chassis type: Tower (5U)



Processor		Network	
Processor manufacturer *	Intel	Ethernet LAN	✓
Processor family *	Intel® Xeon®	Cabling technology	10/100/1000Base-T(X)
Processor generation	1st Generation Intel® Xeon® Scalable	Ethernet interface type	Gigabit Ethernet
Processor model *	3106	Ports & interfaces	
Processor frequency *	1.7 GHz	Ethernet LAN (RJ-45) ports *	2
Processor cores	8	USB 2.0 ports quantity	5
Processor cache	11 MB	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4
Memory channels supported by processor	Hexa	VGA (D-Sub) ports quantity	1
Number of processors installed	1	Serial ports quantity	1
Thermal Design Power (TDP)	85 W	Expansion slots	
Processor cache type	L3	PCI Express slots version	3.0
Processor socket	LGA 3647 (Socket P)	Design	
Processor lithography	14 nm	Chassis type *	Tower (5U)
Processor threads	8	Software	
Processor operating modes	64-bit	Operating system installed *	✗
Stepping	U0	Compatible operating systems *	Canonical Ubuntu LTS Citrix XenServer Microsoft Windows Server with Hyper-V Red Hat Enterprise Linux SUSE Linux Enterprise Server VMware ESXi
Processor codename	Skylake	Processor special features	
Tcase	77 °C	Enhanced Intel SpeedStep Technology	✓
Maximum internal memory supported by processor	768 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory types supported by processor	DDR4-SDRAM	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Memory clock speeds supported by processor	2133 MHz	Intel® Turbo Boost Technology	✗
ECC supported by processor	✓		
Execute Disable Bit	✓		
Maximum number of PCI Express lanes	48		
Processor package size	76.0 x 56.5 mm		

Processor		Processor special features	
Processor code	SR3GL	Intel® AES New Instructions (Intel® AES-NI)	✓
Scalability	2S	Intel Trusted Execution Technology	✓
Embedded options available	✓	Intel VT-x with Extended Page Tables (EPT)	✓
Conflict-Free processor	✓	Intel TSX-NI	✓
Memory		Intel 64	✓
Internal memory *	8 GB	Intel Virtualization Technology (VT-x)	✓
Internal memory type *	DDR4-SDRAM	Intel TSX-NI version	1.00
Memory slots	16	Processor ARK ID	123540
ECC	✓	Power	
Memory clock speed	2133 MHz	Redundant power supply (RPS) support *	✓
Storage		Operational conditions	
Maximum storage capacity *	80 TB	Operating temperature (T-T)	10 - 35 °C
Total storage capacity *	1 TB	Storage temperature (T-T)	-40 - 65 °C
Number of HDDs installed	1	Operating relative humidity (H-H)	10 - 80%
HDD capacity	1 TB	Storage relative humidity (H-H)	5 - 95%
HDD size	3.5"	Operating altitude	0 - 3048 m
Supported HDD sizes	3.5"	Non-operating altitude	0 - 12000 m
Hot-Plug support	✓	Weight & dimensions	
Internal drive bays	8	Width	307.9 mm
Supported storage drive interfaces	SAS, Serial ATA	Depth	573.6 mm
Graphics		Height	471.3 mm
On-board graphics card	✓		
On-board graphics card model	Matrox G200eR2		



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