



DELL PowerEdge T420 server 600 GB Tower (5U) Intel® Xeon® E5 V2 Family E5-2407V2 2,4 GHz 8 GB DDR3-SDRAM 750 W

Brand : DELL

Product family: PowerEdge

Product code: T420-7526

Product name : T420

Intel Xeon E5-2407 v2 (2.4 GHz), 8GB DDR3 RAM, 2x 300GB SAS 10k 2.5", 8x3.5" HotPlug, Gigabit Ethernet, 750W, Tower 5U

DELL PowerEdge T420. Processor type: Intel® Xeon® E5 V2 Family, Processor frequency: 2,4 GHz, Processor: E5-2407V2. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM, Memory layout (slots x size): 1 x 8 GB. Total storage capacity: 600 GB, Hard drive size: 2.5", Hard drive interface: Serial Attached SCSI (SAS). Ethernet LAN connection, Cabling technology: 10/100/1000Base-T(X). Power supply: 750 W, Redundant power supply. Form factor: Tower (5U)



Processor		Ports & interfaces	
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports *	2
Processor type *	Intel® Xeon® E5 V2 Family	USB 2.0 ports quantity	8
Processor *	E5-2407V2	Serial ports quantity	1
Processor frequency *	2,4 GHz	Expansion slots	
Processor boost frequency	2,4 GHz	PCI Express x8 (Gen 2.x) slots	2
Processor number of cores	4	PCI Express x8 (Gen 3.x) slots	2
Processor cache	10 MB	PCI Express x16 (Gen 3.x) slots	2
Chipset	Intel® C602	PCI Express slots version	3.0
Memory channels supported by processor	Triple	Design	
Number of processors	1	Form factor *	Tower (5U)
Thermal Design Power (TDP)	80 W	Rack mounting	✓
Processor cache type	Smart Cache	Redundant fans support	✓
System bus data transfer rate	6,4 GT/s	Rack rails	✓
Processor socket	LGA 1356 (Socket B2)	Performance	
Processor lithography	22 nm	Trusted Platform Module (TPM)	✓
Processor threads	4	Software	
Processor operating modes	64-bit	Operating system software *	✗
Stepping	S1	Compatible operating systems *	
FSB Parity	✗	Windows Server 2012 Windows Server 2008 Novell SUSE Linux Enterprise Server Red Hat Enterprise Linux	
Bus type	QPI	Processor special features	
Number of QPI links	1	CPU configuration (max)	2
Processor codename	Ivy Bridge EN	Intel Rapid Storage Technology	✗
Tcase	76 °C	Enhanced Intel SpeedStep Technology	✓
Maximum internal memory supported by processor	384 GB	Intel Identity Protection Technology	✗
Memory types supported by processor	DDR3-SDRAM	Intel Wireless Display (WiDi) Technology	✗
Memory clock speeds supported by processor	800,1066,1333 MHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory bandwidth supported by processor (max)	32 GB/s	Intel Anti-Theft Technology	✗
ECC supported by processor	✓	Intel Hyper-Threading Technology	✗
Execute Disable Bit	✓		
Idle States	✓		

Processor		Processor special features	
Thermal Monitoring Technologies	✓	Intel My WiFi Technology	✗
Maximum number of PCI Express lanes	24	Intel Turbo Boost Technology	✗
PCI Express configurations	x4, x8, x16	Intel® Quick Sync Video Technology	✗
Processor package size	45 x 42.5 mm	Intel® InTru™ 3D Technology	✗
Supported instruction sets	AVX	Intel Clear Video HD Technology	✗
Processor code	SR1AK	Intel® Insider™	✗
Scalability	2S	Intel Flex Memory Access	✗
Physical Address Extension (PAE)	✓	Intel Smart Cache	✓
Physical Address Extension (PAE)	46 bit	Intel AES New Instructions	✓
Embedded options available	✗	Intel Trusted Execution Technology	✓
Processor series	Intel Xeon E5-2400 v2	Intel Enhanced Halt State	✓
Conflict-Free processor	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Intelligent Platform Management Interface (IPMI) support	✓	Intel Demand Based Switching	✓
Memory		Intel® Secure Key	✓
Internal memory *	8 GB	Intel TSX-NI	✗
Internal memory type *	DDR3-SDRAM	Intel® OS Guard	✓
Memory slots	12x DIMM	Intel Clear Video Technology	✗
ECC	✓	Intel Clear Video Technology for MID	✗
Memory speed	1600 MHz	Intel 64	✓
Memory layout (slots x size)	1 x 8 GB	Intel Identity Protection Technology version	0,00
Maximum memory *	384 GB	Intel Secure Key Technology version	1,00
Storage		Intel Virtualization Technology (VT-x)	✓
Maximum storage capacity *	32 TB	Intel TSX-NI version	0,00
Total storage capacity *	600 GB	Intel Dual Display Capable Technology	✗
Number of HDDs installed	2	Intel FDI Technology	✗
Hard drive capacity	300 GB	Intel Fast Memory Access	✗
Hard drive interface	Serial Attached SCSI (SAS)	Processor ARK ID	75782
Hard drive rotational speed	10000 RPM	Power	
Hard drive size	2.5"	Redundant power supply *	✓
Included hard drives	8	Power supply *	750 W
Supported HDD sizes	2.5,3.5"	Sustainability	
RAID support *	✓	Sustainability certificates	ENERGY STAR
RAID levels	0, 1, 5, 10, 50	Other features	
Hot-Plug support	✓	Intel Virtualization Technology	VT-d, VT-x
Supported storage drive interfaces	SATA		
Network			
Ethernet LAN connection	✓		
Cabling technology	10/100/1000Base-T(X)		
Ethernet interface type	Gigabit Ethernet		



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Catalog Object Cloud



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