



## DELL PowerEdge T430 server 1 TB Tower Intel Xeon E5 v3 E5-2603V3 1.6 GHz 8 GB DDR4-SDRAM 495 W



**Brand :** DELL

**Product family:** PowerEdge

**Product code:** 463-6080

**Product name :** T430

Intel Xeon E5-2603 v3 1.6GHz, 8GB DDR4 RAM, 1TB HDD, 1G Ethernet, 495W PSU  
DELL PowerEdge T430. Processor family: Intel Xeon E5 v3, Processor frequency: 1.6 GHz, Processor model: E5-2603V3. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, HDD size: 3.5", HDD interface: Serial ATA III. Ethernet LAN. Power supply: 495 W. Chassis type: Tower

Processor		Storage	
Processor manufacturer *	Intel	Supported HDD sizes	2.5,3.5"
Processor family *	Intel Xeon E5 v3	RAID support *	✓
Processor model *	E5-2603V3	Supported RAID controllers	PERC H330
Processor frequency *	1.6 GHz	Optical drive type *	✗
Processor cores	6	Network	
Processor cache	15 MB	LAN controller	Broadcom 5720
Motherboard chipset	Intel C610	Ethernet LAN	✓
Memory channels supported by processor	Quad	Ethernet interface type	Gigabit Ethernet
Number of processors installed	1	Ports & interfaces	
Thermal Design Power (TDP)	85 W	Ethernet LAN (RJ-45) ports *	2
Processor cache type	Smart Cache	Expansion slots	
System bus rate	6.4 GT/s	PCI Express slots version	3.0
Compatible processor series	Intel® Xeon®	Design	
Processor socket	LGA 2011-v3	Chassis type *	Tower
Processor lithography	22 nm	Software	
Processor threads	6	Operating system installed *	✗
Processor operating modes	64-bit	Compatible operating systems *	Microsoft Windows Server 2008 R2
Stepping	R2		Microsoft Windows Server 2012
Bus type	QPI		Microsoft Windows Server 2012 R2
Number of QPI links	2		Novell SUSE Linux Enterprise Server
Processor codename	Haswell		Red Hat Enterprise Linux VMware ESX
Tcase	72.8 °C	Processor special features	
Maximum internal memory supported by processor	768 GB	CPU configuration (max)	2
Memory types supported by processor	DDR4-SDRAM	Enhanced Intel SpeedStep Technology	✓
Memory clock speeds supported by processor	1600 MHz	Intel® Identity Protection Technology (Intel® IPT)	✗
Memory bandwidth supported by processor (max)	51 GB/s	Intel Virtualization Technology for Directed I/O (VT-d)	✓
ECC supported by processor	✓	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Execute Disable Bit	✓	Intel® Turbo Boost Technology	✗
Idle States	✓	Intel Flex Memory Access	✗
Thermal Monitoring Technologies	✓	Intel® AES New Instructions (Intel® AES-NI)	✓
Maximum number of PCI Express lanes	40	Intel Trusted Execution Technology	✓
PCI Express configurations	x4, x8, x16	Intel Enhanced Halt State	✓
Processor package size	52.5 x 45 mm	Intel VT-x with Extended Page Tables (EPT)	✓
Supported instruction sets	AVX 2.0	Intel Demand Based Switching	✓
Scalability	2S	Intel® Secure Key	✓
Physical Address Extension (PAE)	✓	Intel TSX-NI	✗
Physical Address Extension (PAE)	46 bit	Intel® OS Guard	✓
Embedded options available	✗		
Processor series	Intel Xeon E5-2600 v3		
VID Voltage Range	0.65 - 1.3 V		

Processor		Processor special features	
Conflict-Free processor	✘	Intel 64	✓
Memory		Intel Identity Protection Technology version	0.00
Internal memory *	8 GB	Intel Secure Key Technology version	1.00
Internal memory type *	DDR4-SDRAM	Intel Virtualization Technology (VT-x)	✓
Memory slots	12	Intel TSX-NI version	0.00
Memory clock speed	2133 MHz	Processor ARK ID	83349
Maximum internal memory *	384 GB	Power	
Storage		Power supply *	495 W
Total storage capacity *	1 TB	Weight & dimensions	
Number of HDDs installed	1	Width	218 mm
HDD capacity	1 TB	Depth	558.6 mm
HDD interface	Serial ATA III	Height	430.3 mm
HDD speed	7200 RPM	Technical details	
HDD size	3.5"	Number of 2.5" bays	16
		Number of 3.5" bays	8
		Other features	
		Graphics card	G200
		Graphics card family	Matrox



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