



DELL PowerEdge T30 server 1 TB Mini Tower Intel® Xeon® E3 v5 E3-1225V5 3.3 GHz 8 GB DDR4-SDRAM 250 W

Brand : DELL

Product family: PowerEdge

Product code: 642XY

Product name : T30

Intel Xeon E3-1225 v5 (8M Cache, 3.3GHz), 8 GB DDR4 2400MHz, 1TB HDD 7200, Intel HD Graphics P530, Intel C236, Chassis 4 x 3.5", DVD±RW, 250W, Gigabit LAN

DELL PowerEdge T30. Processor family: Intel® Xeon® E3 v5, Processor frequency: 3.3 GHz, Processor model: E3-1225V5. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, HDD size: 3.5", HDD interface: Serial ATA. Ethernet LAN, Cabling technology: 10/100/1000Base-T(X). Optical drive type: DVD±RW. Power supply: 250 W. Chassis type: Mini Tower



Processor		Network	
Processor manufacturer *	Intel	LAN controller	Intel I219LM
Processor family *	Intel® Xeon® E3 v5	Ethernet LAN	✓
Processor model *	E3-1225V5	Cabling technology	10/100/1000Base-T(X)
Processor frequency *	3.3 GHz	Ethernet interface type	Gigabit Ethernet
Processor boost frequency	3.7 GHz	Ports & interfaces	
Processor cores	4	Ethernet LAN (RJ-45) ports *	1
Processor cache	8 MB	USB 2.0 ports quantity	4
Motherboard chipset	Intel® C236	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	6
Memory channels supported by processor	Dual	PS/2 ports quantity	1
Number of processors installed	1	DisplayPorts quantity	1
Thermal Design Power (TDP)	80 W	Expansion slots	
Processor cache type	Smart Cache	PCI Express x4 (Gen 3.x) slots	1
System bus rate	8 GT/s	PCI Express x16 (Gen 3.x) slots	2
Processor socket	LGA 1151 (Socket H4)	PCI slots	1
Processor lithography	14 nm	PCI Express slots version	3.0
Processor threads	4	Design	
Processor operating modes	64-bit	Chassis type *	Mini Tower
Bus type	DMI3	Product colour	Black
Processor codename	Skylake	Software	
Maximum internal memory supported by processor	64 GB	Operating system installed *	✗
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM	Compatible operating systems *	- Microsoft Windows Server 2012 - Microsoft Windows Server 2012 R2 - Red Hat Enterprise Linux - Ubuntu 14.04 / 16.04
Memory clock speeds supported by processor	1333,1600,1866,2133 MHz	Processor special features	
Memory bandwidth supported by processor (max)	34.1 GB/s	CPU configuration (max)	1
ECC supported by processor	✓		
Memory voltage supported by processor	1.35 V		

Processor		Processor special features	
Execute Disable Bit	✓	Enhanced Intel SpeedStep Technology	✓
Idle States	✓	Intel® Wireless Display (Intel® WiDi)	✓
Thermal Monitoring Technologies	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Maximum number of PCI Express lanes	16	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
PCI Express configurations	1x16, 1x8+2x4, 2x8	Intel® Turbo Boost Technology	2.0
Processor package size	37.5 x 37.5 mm	Intel® Quick Sync Video Technology	✓
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2	Intel® InTru™ 3D Technology	✓
Scalability	1S	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Embedded options available	✓	Intel® Insider™	✓
Graphics & IMC lithography	14 nm	Intel® Smart Cache	✓
Processor series	Intel Xeon E3-1200 v5	Intel® AES New Instructions (Intel® AES-NI)	✓
Conflict-Free processor	✓	Intel Trusted Execution Technology	✓
Memory		Intel Enhanced Halt State	✓
Internal memory *	8 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory type *	DDR4-SDRAM	Intel® Secure Key	✓
Memory slots	4	Intel TSX-NI	✓
Memory data transfer rate	2400 MT/s	Intel® OS Guard	✓
Maximum internal memory *	64 GB	Intel Clear Video Technology	✓
Storage		Intel Software Guard Extensions (Intel SGX)	✓
Total storage capacity *	1 TB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Number of HDDs installed	1	Intel 64	✓
HDD capacity	1 TB	Intel Secure Key Technology version	1.00
HDD interface	Serial ATA	Intel Virtualization Technology (VT-x)	✓
HDD speed	7200 RPM	Intel TSX-NI version	1.00
HDD size	3.5"	Processor ARK ID	88168
Number of HDDs supported	6	Power	
Supported HDD sizes	2.5,3.5"	Power supply *	250 W
Optical drive type *	DVD±RW	Operational conditions	
Internal drive bays	4	Operating temperature (T-T)	5 - 35 °C
Supported storage drive interfaces	Serial ATA II, Serial ATA III	Storage temperature (T-T)	-40 - 65 °C
Graphics		Operating relative humidity (H-H)	10 - 80%
On-board graphics card	✓	Storage relative humidity (H-H)	5 - 95%
On-board graphics card family	Intel® HD Graphics	Operating altitude	0 - 3048 m
On-board graphics card model	Intel® HD Graphics P530	Non-operating altitude	0 - 35000 m
On-board graphics card base frequency	400 MHz	Weight & dimensions	
On-board graphics card dynamic frequency (max)	1150 MHz	Width	175 mm
Maximum on-board graphics card memory	1.7 GB	Depth	434.9 mm
On-board graphics card OpenGL version	4.4	Height	359.9 mm
On-board graphics card DirectX version	12.0		
Number of displays supported (on-board graphics)	3		
On-board graphics card ID	0x191D		



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