



DELL Precision T7600 Intel® Xeon® E5 Family E5-2620 8 GB DDR3-SDRAM 500 GB HDD AMD FirePro W5000 Windows 7 Professional Tower Workstation Black, Silver

Brand : DELL

Product family: Precision

Product code: SVWT7601

Product name : T7600

Intel Xeon E5-2620 (2 GHz), 8GB DDR3 RAM, 500GB SATA HDD, DVD±RW, AMD FirePro W5000 2GB, Gigabit Ethernet, Windows 7 Professional 64-bit
DELL Precision T7600. Processor frequency: 2 GHz, Processor family: Intel® Xeon® E5 Family, Processor: E5-2620. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM, Memory clock speed: 1333 MHz. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD±RW. Discrete graphics card model: AMD FirePro W5000. Operating system installed: Windows 7 Professional, Operating system architecture: 64-bit. Power supply: 1300 W. Chassis type: Tower. Product type: Workstation



Processor		Design	
Processor manufacturer *	Intel	Product colour *	Black, Silver
Processor family *	Intel® Xeon® E5 Family	Performance	
Processor *	E5-2620	Audio system	HD
Processor number of cores	6	Password protection type	BIOS
Processor threads	12	Product type *	Workstation
Processor boost frequency	2.5 GHz	Software	
Processor frequency *	2 GHz	Operating system architecture	64-bit
Processor socket	LGA 2011 (Socket R)	Operating system installed *	Windows 7 Professional
Processor cache	15 MB	Processor special features	
Processor cache type	Smart Cache	Intel® Small Business Advantage (Intel® SBA)	✗
System bus data transfer rate	7.2 GT/s	Intel Wireless Display (WiDi) Technology	✗
Bus type	QPI	Intel 64	✓
FSB Parity	✗	Enhanced Intel SpeedStep Technology	✓
Processor lithography	32 nm	Embedded options available	✓
Processor operating modes	64-bit	Intel® InTru™ 3D Technology	✗
Processor series	Intel Xeon E5-2600	Intel® Insider™	✗
Processor codename	Sandy Bridge EP	Intel Clear Video HD Technology	✗
Thermal Design Power (TDP)	95 W	Intel Clear Video Technology	✗
Tcase	77.4 °C	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express slots version	3.0	Idle States	✓
Maximum number of PCI Express lanes	40	Thermal Monitoring Technologies	✓
PCI Express configurations	x4, x8, x16	Intel AES New Instructions	✓
Number of processors installed	1	Intel® Secure Key	✓
Number of QPI links	2	Intel Trusted Execution Technology	✓
Stepping	C2	Execute Disable Bit	✓
CPU multiplier (bus/core ratio)	25	Intel FDI Technology	✗
Maximum internal memory supported by processor	750 GB	Intel Flex Memory Access	✗
Memory types supported by processor	DDR3-SDRAM	Intel Fast Memory Access	✗
Memory clock speeds supported by processor	800,1066,1333 MHz	Intel Enhanced Halt State	✓
Memory bandwidth supported by processor (max)	42.6 GB/s	Intel Demand Based Switching	✓
ECC supported by processor	✓		
Memory			
Internal memory *	8 GB		

Memory		Processor special features	
Maximum internal memory *	128 GB	Intel Clear Video Technology for MID	✗
Internal memory type	DDR3-SDRAM	Processor package size	52.5 x 45.0 mm
Memory slots	8x DIMM	Supported instruction sets	AVX
Memory clock speed	1333 MHz	Scalability	2S
ECC	✓	Physical Address Extension (PAE)	46 bit
Memory channels	Quad-channel	CPU configuration (max)	2
Storage		Graphics & IMC lithography	32 nm
Total storage capacity *	500 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage media *	HDD	Intel Identity Protection Technology version	0.00
Optical drive type *	DVD±RW	Intel Secure Key Technology version	1.00
Number of hard drives installed	1	Intel Virtualization Technology (VT-x)	✓
Hard drive capacity	500 GB	Intel TSX-NI version	0.00
Hard drive interface	SATA	Intel Dual Display Capable Technology	✗
Hard drive rotational speed	7200 RPM	Intel Rapid Storage Technology	✗
Hard drive size	3.5"	Processor ARK ID	64594
RAID support	✓	Intel® Smart Response Technology	✗
RAID levels	0, 1, 5, 10	Intel® Rapid Start Technology	✗
Graphics		Intel Turbo Boost Technology	1.0
On-board graphics card *	✗	Intel Smart Connect Technology	✗
Discrete graphics card model *	AMD FirePro W5000	Intel Hyper-Threading Technology	✓
Discrete graphics card memory	2 GB	Intel® Quick Sync Video Technology	✗
Number of discrete graphics cards	1	Intel My WiFi Technology	✗
On-board graphics card model *	Not available	Intel Identity Protection Technology	✗
Network		Intel Anti-Theft Technology	✗
Ethernet LAN connection *	✓	Conflict-Free processor	✗
Ethernet LAN data rates	10,100,1000 Mbit/s	Energy Management	
Cabling technology	10/100/1000Base-T(X)	Power supply *	1300 W
Wi-Fi *	✗	Sustainability	
Wake-on-LAN ready	✓	Sustainability certificates	EPEAT Gold, ENERGY STAR
Ports & interfaces		Weight & Dimensions	
USB 2.0 ports quantity *	8	Width *	216 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Depth *	545 mm
DVI port	✓	Height *	438 mm
DisplayPorts quantity	2	Packaging Content	
PS/2 ports quantity	2	Mouse included	✗
Ethernet LAN (RJ-45) ports quantity	2	Keyboard included	✗
Microphone in	✓	Display	
Headphone outputs	1	Display included *	✗
Serial ports quantity	1	Other features	
Expansion Slots		Optical drives quantity	1
PCI Express x16 slots	6	Cooling type	Active
PCI slots	1		
Design			
Chassis type *	Tower		
Cable lock slot	✓		
Cable lock slot type	Kensington		

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