



## DELL Precision T3600 Intel® Xeon® E5 Family E5-1660 32 GB DDR3-SDRAM 1,2 TB HDD NVIDIA® Quadro® K600 Windows 7 Professional Midi Tower Workstation Black

**Brand :** DELL

**Product family:** Precision

**Product code:** T3600ITA

**Product name :** T3600

Intel Xeon Processor E5-1660 (15M Cache, 3.30 GHz, 0.0 GT/s Intel QPI), 32GB DDR3 1600MHz, 1.2TB (2 x 600GB) SAS HDD, nVidia Quadro K600 1GB, DVD Super Multi, Gigabit LAN, Windows 7 Professional 64-bit

DELL Precision T3600. Processor frequency: 3,3 GHz, Processor family: Intel® Xeon® E5 Family, Processor model: E5-1660. Internal memory: 32 GB, Internal memory type: DDR3-SDRAM, Memory clock speed: 1600 MHz. Total storage capacity: 1,2 TB, Storage media: HDD, Optical drive type: DVD Super Multi. Discrete graphics card model: NVIDIA® Quadro® K600. Operating system installed: Windows 7 Professional, Operating system architecture: 64-bit. Power supply: 635 W. Chassis type: Midi Tower. Product type: Workstation



Processor		Software	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor family *	Intel® Xeon® E5 Family	Operating system installed *	Windows 7 Professional
Processor model *	E5-1660	Drivers included	✓
Processor cores	6	<b>Processor special features</b>	
Processor threads	12	Intel® Wireless Display (Intel® WiDi)	✗
Processor boost frequency	3,9 GHz	Intel 64	✓
Processor frequency *	3,3 GHz	Enhanced Intel SpeedStep Technology	✓
Processor socket	LGA 2011 (Socket R)	Embedded options available	✗
Processor cache	15 MB	Intel® InTru™ 3D Technology	✗
Processor cache type	Smart Cache	Intel® Insider™	✗
System bus rate	0 GT/s	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Bus type	QPI	Intel Clear Video Technology	✗
FSB Parity	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Processor lithography	32 nm	Idle States	✓
Processor operating modes	64-bit	Thermal Monitoring Technologies	✓
Processor series	Intel Xeon E5-1600	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor codename	Sandy Bridge EP	Intel Trusted Execution Technology	✓
Thermal Design Power (TDP)	130 W	Execute Disable Bit	✓
Tcase	64 °C		
PCI Express slots version	3.0		
Maximum number of PCI Express lanes	40		
PCI Express configurations	x4, x8, x16		
Number of processors installed	1		

Processor		Processor special features	
Stepping	C2	Intel FDI Technology	✗
CPU multiplier (bus/core ratio)	39	Intel Flex Memory Access	✗
Maximum internal memory supported by processor	375 GB	Intel Fast Memory Access	✗
Memory types supported by processor	DDR3-SDRAM	Intel® Smart Cache	✓
Memory clock speeds supported by processor	800,1066,1333,1600 MHz	Intel Enhanced Halt State	✓
Memory bandwidth supported by processor (max)	51,2 GB/s	Intel Demand Based Switching	✓
ECC supported by processor	✓	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory		Processor package size	52.5 x 45.0 mm
Internal memory *	32 GB	Supported instruction sets	AVX
Maximum internal memory *	64 GB	Processor code	SR0KN
Internal memory type	DDR3-SDRAM	Scalability	1S
Memory layout (slots x size)	4 x 8 GB	Physical Address Extension (PAE)	46 bit
Memory slots	4x DIMM	CPU configuration (max)	1
Memory clock speed	1600 MHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
ECC	✓	Intel Identity Protection Technology version	0,00
Non-ECC	✗	Intel Secure Key Technology version	1,00
Memory channels	Quad-channel	Intel Virtualization Technology (VT-x)	✓
Storage		Intel TSX-NI version	0,00
Total storage capacity *	1,2 TB	Intel Dual Display Capable Technology	✗
Storage media *	HDD	Intel Rapid Storage Technology	✗
Optical drive type *	DVD Super Multi	Processor ARK ID	64620
Number of hard drives installed	2	Intel® Turbo Boost Technology	2.0
Hard drive capacity	600 GB	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Hard drive interface	Serial Attached SCSI (SAS)	Intel® Quick Sync Video Technology	✗
Hard drive speed	10000 RPM	Intel® My WiFi Technology (Intel® MWT)	✗
Hard drive size	2.5"	Intel® Identity Protection Technology (Intel® IPT)	✗
Graphics		Intel® Anti-Theft Technology (Intel® AT)	✗
On-board graphics card *	✗	Conflict-Free processor	✗
Discrete graphics card model *	NVIDIA® Quadro® K600	Power	
Discrete graphics card memory	1 GB	Power supply *	635 W
Number of discrete graphics cards	1	Power supply input voltage	100 - 240 V
On-board graphics card model *	Not available	Power supply input frequency	50 - 60 Hz
Network		Operational conditions	
Ethernet LAN *	✓	Operating temperature (T-T)	10 - 35 °C
Ethernet LAN data rates	10,100,1000 Mbit/s	Storage temperature (T-T)	-40 - 65 °C
Cabling technology	10/100/1000Base-T(X)	Operating relative humidity (H-H)	20 - 85%
Wi-Fi *	✗	Operating altitude	-15,2 - 3048 m
Ports & interfaces		Non-operating altitude	-15,2 - 10668 m
USB 2.0 ports quantity *	8	Sustainability	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Sustainability certificates	EPEAT Gold, ENERGY STAR
DVI port	✓	Weight & dimensions	
DisplayPorts quantity	1	Width *	172,6 mm
PS/2 ports quantity	2	Depth *	471 mm
Ethernet LAN (RJ-45) ports	1	Height *	414 mm
Microphone in	✓	Packaging content	
Headphone outputs	1	Mouse included	✗
Line-out	✓	Keyboard included	✓
Line-in	✓	Numeric keypad	✓
Serial ports quantity	1	Cables included	AC
Design			
Chassis type *	Midi Tower		
Placement supported	Horizontal/Vertical		

Design		Packaging content	
Water cooling system	✗	Manual	✓
Number of 3.5" bays	2	Display	
Number of 5.25" bays	1	Display included *	✗
Product colour *	Black	Other features	
Performance		Optical drives quantity	1
Audio system	HD	Windows keys	✓
Password protection	✓	HDD user password	✓
Password protection type	BIOS		
Product type *	Workstation		

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