DELL Precision T5600 □□□□® Xeon® E5□□□□□□□□ E5-2630 16 GB DDR3-SDRAM 1 TB HDD NVIDIA® Quadro® 4000 Windows 7 Professional □□□□□□ □□□□□□□□□ □□□□

□□□□ : DELL   □□□□: Precision   □□□□: 5600-0744

□□□ : T5600

DELL Precision T5600. □□□□□ □□□□□□□□: 2.3 GHz, □□□□□□□: □□□□® Xeon® E5□□□□□□□, □□□□□□□□: E5-2630. □□□□□: 16 GB, □□□□□□: DDR3-SDRAM, □□□□□□□□: 1600 MHz. □□□□□□□□□: 1 TB, □□□□□□□□: HDD, □□□□□□□: DVD-ROM. □□□□□□□□□□□□□□□□□□□□□□□: NVIDIA® Quadro® 4000. □□□□□□□OS: Windows 7 Professional, OS□□□□□□: 64-bit. □□□□□□: □□□□□. □□□□□□: □□□□□□□. □□□□□□: □□□□

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Xeon® E5 Family
Processor model *	E5-2630
Processor cores	6
Processor threads	12
Processor boost frequency	2.8 GHz
Processor frequency *	2.3 GHz
Processor socket	LGA 2011 (Socket R)
Processor cache	15 MB
Processor cache type	Smart Cache
System bus rate	7.2 GT/s
Bus type	QPI
FSB Parity	✘
Processor lithography	32 nm
Processor operating modes	64-bit
Processor series	Intel Xeon E5-2600
Processor codename	Sandy Bridge EP
Thermal Design Power (TDP)	95 W
Tcase	77.4 °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

Performance

Product type *	Workstation

Software

Operating system installed *	Windows 7 Professional
Operating system architecture	64-bit

Processor special features

Intel® Small Business Advantage (Intel® SBA)	✘
Intel® Wireless Display (Intel® WiDi)	✘
Intel 64	✔
Enhanced Intel SpeedStep Technology	✔
Embedded options available	✘
Intel® InTru™ 3D Technology	✘
Intel® Insider™	✘
Intel® Clear Video HD Technology (Intel® CVT HD)	✘
Intel Clear Video Technology	✘
Intel VT-x with Extended Page Tables (EPT)	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Intel® AES New Instructions (Intel® AES-NI)	✔

Processor

Number of QPI links	2
Stepping	C2
CPU multiplier (bus/core ratio)	28
Maximum internal memory supported by processor	750 GB
Memory types supported by processor	DDR3-SDRAM
Memory clock speeds supported by processor	800,1066,1333,1600 MHz
Memory bandwidth supported by processor (max)	42.6 GB/s
ECC supported by processor	✔

Memory

Internal memory *	16 GB
Internal memory type	DDR3-SDRAM
Memory layout (slots x size)	4 x 4 GB
Memory slots	4x DIMM
Memory clock speed	1600 MHz
ECC	✔
Memory channels	Quad-channel

Storage

Total storage capacity *	1 TB
Storage media *	HDD
Optical drive type *	DVD-ROM
Number of HDDs installed	1
HDD capacity	1 TB
HDD interface	SATA
HDD speed	7200 RPM
RAID support	✔
RAID levels	0, 1, 5, 10

Graphics

Discrete graphics card model *	NVIDIA® Quadro® 4000

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
Wi-Fi *	✘

Ports & interfaces

USB 2.0 ports quantity *	8
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
PS/2 ports quantity	2
Ethernet LAN (RJ-45) ports	1
Microphone in	✔
Headphone outputs	1
Serial ports quantity	1

Expansion slots

PCI Express x1 slots	1
PCI Express x16 slots	4
PCI slots	1

Design

Chassis type *	Midi Tower
Number of 3.5" bays	2
Number of 5.25" bays	1
Cable lock slot	✔
Cable lock slot type	Kensington
Product colour *	Black

Processor special features

Intel® Secure Key	✔
Intel Trusted Execution Technology	✔
Execute Disable Bit	✔
Intel FDI Technology	✘
Intel Flex Memory Access	✘
Intel Fast Memory Access	✘
Intel Enhanced Halt State	✔
Intel Demand Based Switching	✔
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✘
Processor package size	52.5 x 45.0 mm
Supported instruction sets	AVX
Scalability	2S
Physical Address Extension (PAE)	46 bit
CPU configuration (max)	2
Graphics & IMC lithography	32 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	0.00
Intel Secure Key Technology version	1.00
Intel Virtualization Technology (VT-x)	✔
Intel TSX-NI version	0.00
Intel Dual Display Capable Technology	✘
Intel Rapid Storage Technology	✘
Processor ARK ID	64593
Intel® Turbo Boost Technology	1.0
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Quick Sync Video Technology	✘
Intel® My WiFi Technology (Intel® MWT)	✘
Intel® Identity Protection Technology (Intel® IPT)	✘
Intel® Anti-Theft Technology (Intel® AT)	✘
Conflict-Free processor	✘

Sustainability

Sustainability certificates	ENERGY STAR

Weight & dimensions

Width *	172.6 mm
Depth *	471 mm
Height *	414 mm
Weight *	14 kg

Packaging content

Mouse included	✘
Keyboard included	✘

Display

Display included *	✘

Other features

Optical drives quantity	1
Networking features	Gigabit Ethernet (10/100/1000)
Graphics card family	NVIDIA
Graphics card	Quadro 4000
Cooling type	Active

Performance		Other features	
Motherboard chipset	Intel C600	Built-in optical drive	✔
Audio system	Realtek ALC269Q		
Password protection type	BIOS		
Trusted Platform Module (TPM)	✔		

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