



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

Brand : DELL

Series : Precision

Model : 5600-0744

Part : T5600

DELL Precision T5600. Processor: 2.3 GHz, Processor: Intel® Xeon® E52630, Processor: E5-2630. Memory: 16 GB, Memory: DDR3-SDRAM, Processor: 1600 MHz. Storage: 1 TB, Storage: HDD, Storage: DVD-ROM. Graphics: NVIDIA® Quadro® 4000. Operating System: Windows 7 Professional, OS: 64-bit. Processor: Intel®. Processor: Intel®. Processor: Intel®



| Processor | | Performance | |
|-------------------------------------|------------------------|--|------------------------|
| Processor manufacturer * | Intel | Product type * | Workstation |
| Processor family * | Intel® Xeon® E5 Family | Software | |
| Processor model * | E5-2630 | Operating system installed * | Windows 7 Professional |
| Processor cores | 6 | Operating system architecture | 64-bit |
| Processor threads | 12 | Processor special features | |
| Processor boost frequency | 2.8 GHz | Intel® Small Business Advantage (Intel® SBA) | ✗ |
| Processor frequency * | 2.3 GHz | Intel® Wireless Display (Intel® WiDi) | ✗ |
| Processor socket | LGA 2011 (Socket R) | Intel 64 | ✓ |
| Processor cache | 15 MB | Enhanced Intel SpeedStep Technology | ✓ |
| Processor cache type | Smart Cache | Embedded options available | ✗ |
| System bus rate | 7.2 GT/s | Intel® InTru™ 3D Technology | ✗ |
| Bus type | QPI | Intel® Insider™ | ✗ |
| FSB Parity | ✗ | Intel® Clear Video HD Technology (Intel® CVT HD) | ✗ |
| Processor lithography | 32 nm | Intel Clear Video Technology | ✗ |
| Processor operating modes | 64-bit | Intel VT-x with Extended Page Tables (EPT) | ✓ |
| Processor series | Intel Xeon E5-2600 | Idle States | ✓ |
| Processor codename | Sandy Bridge EP | Thermal Monitoring Technologies | ✓ |
| Thermal Design Power (TDP) | 95 W | Intel® AES New Instructions (Intel® AES-NI) | ✓ |
| 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 | | |

| Processor | | Processor special features | |
|---|------------------------|---|--------------------------------|
| Number of QPI links | 2 | Intel® Secure Key | ✓ |
| Stepping | C2 | Intel Trusted Execution Technology | ✓ |
| CPU multiplier (bus/core ratio) | 28 | Execute Disable Bit | ✓ |
| Maximum internal memory supported by processor | 750 GB | Intel FDI Technology | ✗ |
| Memory types supported by processor | DDR3-SDRAM | Intel Flex Memory Access | ✗ |
| Memory clock speeds supported by processor | 800,1066,1333,1600 MHz | Intel Fast Memory Access | ✗ |
| Memory bandwidth supported by processor (max) | 42.6 GB/s | Intel Enhanced Halt State | ✓ |
| ECC supported by processor | ✓ | Intel Demand Based Switching | ✓ |
| Memory | | Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) | ✗ |
| Internal memory * | 16 GB | Processor package size | 52.5 x 45.0 mm |
| Internal memory type | DDR3-SDRAM | Supported instruction sets | AVX |
| Memory layout (slots x size) | 4 x 4 GB | Scalability | 2S |
| Memory slots | 4x DIMM | Physical Address Extension (PAE) | 46 bit |
| Memory clock speed | 1600 MHz | CPU configuration (max) | 2 |
| ECC | ✓ | Graphics & IMC lithography | 32 nm |
| Memory channels | Quad-channel | Intel Virtualization Technology for Directed I/O (VT-d) | ✓ |
| Storage | | Intel Identity Protection Technology version | 0.00 |
| Total storage capacity * | 1 TB | Intel Secure Key Technology version | 1.00 |
| Storage media * | HDD | Intel Virtualization Technology (VT-x) | ✓ |
| Optical drive type * | DVD-ROM | Intel TSX-NI version | 0.00 |
| Number of HDDs installed | 1 | Intel Dual Display Capable Technology | ✗ |
| HDD capacity | 1 TB | Intel Rapid Storage Technology | ✗ |
| HDD interface | SATA | Processor ARK ID | 64593 |
| HDD speed | 7200 RPM | Intel® Turbo Boost Technology | 1.0 |
| RAID support | ✓ | Intel® Hyper Threading Technology (Intel® HT Technology) | ✓ |
| RAID levels | 0, 1, 5, 10 | Intel® Quick Sync Video Technology | ✗ |
| Graphics | | Intel® My WiFi Technology (Intel® MWT) | ✗ |
| Discrete graphics card model * | NVIDIA® Quadro® 4000 | Intel® Identity Protection Technology (Intel® IPT) | ✗ |
| Network | | Intel® Anti-Theft Technology (Intel® AT) | ✗ |
| Ethernet LAN * | ✓ | Conflict-Free processor | ✗ |
| Ethernet LAN data rates | 10,100,1000 Mbit/s | Sustainability | |
| Cabling technology | 10/100/1000Base-T(X) | Sustainability certificates | ENERGY STAR |
| Wi-Fi * | ✗ | Weight & dimensions | |
| Ports & interfaces | | Width * | 172.6 mm |
| USB 2.0 ports quantity * | 8 | Depth * | 471 mm |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 | Height * | 414 mm |
| PS/2 ports quantity | 2 | Weight * | 14 kg |
| Ethernet LAN (RJ-45) ports | 1 | Packaging content | |
| Microphone in | ✓ | Mouse included | ✗ |
| Headphone outputs | 1 | Keyboard included | ✗ |
| Serial ports quantity | 1 | Display | |
| Expansion slots | | Display included * | ✗ |
| PCI Express x1 slots | 1 | Other features | |
| PCI Express x16 slots | 4 | Optical drives quantity | 1 |
| PCI slots | 1 | Networking features | Gigabit Ethernet (10/100/1000) |
| Design | | Graphics card family | NVIDIA |
| Chassis type * | Midi Tower | Graphics card | Quadro 4000 |
| Number of 3.5" bays | 2 | Cooling type | Active |
| Number of 5.25" bays | 1 | | |
| Cable lock slot | ✓ | | |
| Cable lock slot type | Kensington | | |
| Product colour * | Black | | |

| 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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