Windows®. Life without Walls™. Dell recommends Windows 7.

Dell Precision T3500

Affordable power and performance

Your work isn't entry level, so why consider a workstation that delivers anything less than advanced levels of performance? With the Dell Precision™ T3500, you don't have to. Experience the power, scalability and reliability you've been dreaming about with a system that's specifically designed for professionals as demanding as their complex applications.

To provide you with exceptional flexibility and scalability, the Dell Precision T3500 comes with your choice of dual-, quad- or 6-core Intel® Xeon® processors. The Dell Precision T3500 builds upon the revolutionary Intel Xeon processor micro-architecture to bring you a workstation with an excellent blend of relevant technologies. What's the difference? Advanced features that combine to deliver a computing experience that's incredibly rich, incredibly powerful and incredibly fast.

- Intel Xeon 3600 or 3500 series processors offer up to six cores of processing power to ignite stunning levels of performance unleashed by Intel Quick Path Interconnect Technology that provides high-speed interconnects per independent processing core
- Outstanding performance for memory-intensive applications delivered with the help of processor-dedicated three-channel memory architecture, multi-level shared cache and high-speed point-to-point interconnects
- Memory scalability up to 24GB[1] with DDR3 ECC DIMMs
- Dual-native PCIe x16 Gen 2 graphics slots for outstanding graphics performance, cost-effective quad-monitor support and GPU-based personal supercomputing
- Designed to deliver increased performance for single- and multi-threaded applications with advanced engineering and thermal design enabling extended use of Intel Turbo Boost Technology

Visual realism with high-performance OpenGL graphics[2]

Bring your graphics to the next level with our intelligent selection of ISV-certified[3], workstation-class graphics cards. Our ultra-high-end graphic solutions deliver outstanding visualization capabilities for whatever application you are running. Enhanced graphics are required whether you work in computer-aided design, architecture, engineering or digital content creation. Dell Precision workstations provide superb OpenGL® 3D performance or dependable and affordable 2D performance to help make you successful in your designs, animation modeling, software development or whatever else you use your workstation to create.

Outstanding scalability in a compact chassis

In today's professional world of engineering, software development and digital content creation, you need precision to be successful. We customize each and every Dell Precision workstation to help provide you with exceptional performance and scalability. Whatever your needs the Dell Precision T3500 provides a highly scalable architecture that delivers outstanding speed and reliability to the cost-conscious professional.

Imagine having the freedom to work the way you've always wanted. With Dell Precision, you can. Plus, with ISV application certifications[3], you know your system is performance tuned to help ensure that your applications will run smoothly.

Peace of mind through ISV application certification

Dell partners with leading Independent Software Vendors (ISVs) to certify system and application compatibility[3] to help ensure flawless compatibility and optimized performance in demanding workstation environments. And to ensure access to the latest productivity-enhancing technology solutions, Dell invests in the workstation ISV community by providing the hardware platforms needed to further multi-threaded application development. By maintaining strong relationships with software developers, Dell engineers can provide you with ongoing optimization and support should you need it.

Dell Precision T3500

The Dell Precision T3500 workstation is a productivity machine with a choice of lightning-fast 64-bit dual-, quad- or 6-core Intel Xeon processors, impressive graphics and exceptional memory capacity that work together in a flexible and innovative compact chassis to deliver performance, scalability and flexibility

	Dell Precision T3500 Workstation Technical Specifications
Processors	Intel® Xeon® 3600 or 3500 series processors with up to six-cores and up to 6.4GT/s (Intel QuickPath Interconnect) and up to 12MB shared cache; Turbo Boost Mode on select processors; All processors are 64-bit, support Intel DBS (demand-based switching) and Intel VT (Intel Virtualization Technology) Note: Intel TXT is not supported. Turbo Mode and HyperThreading technology on select processors
Operating Systems	• Genuine Windows® 7 Ultimate 32-Bit; Genuine Windows® 7 Ultimate 64-Bit • Genuine Windows® 7 Professional 32-Bit; Genuine Windows® 7 Professional 64-Bit • Genuine Windows 7 Ultimate 32-Bit with XP mode; Genuine Windows 7 Ultimate 64-Bit with XP mode • Genuine Windows Vista® Ultimate SP1, 32-Bit; Genuine Windows Vista® Ultimate SP1, 64-Bit • Genuine Windows Vista® Business SP1, 32-Bit; Genuine Windows Vista® Business SP1, 64-Bit • Red Hat® Enterprise Linux® WS v.5.3 EM64T (Also certified to run Red Hat Enterprise Linux Version 4.7 64-Bit)
Chipset	Intel X58
Memory	Up to 24GB[4] 1333MHz ECC and non-ECC memory in 6 DIMM slots
Flash BIOS	BIOS 8MB flash memory for system BIOS; SMBIOS 2.5 support
Graphics[2]	Support for 2 PCI Express® x16 Gen 2 graphics cards up to 150W. 2 to 8 monitor configurations depending on card(s) chosen. **High End 3D**: NVIDIA® Quadro® 5000, NVIDIA Quadro 4000 **Mid-range 3D**: AMD FirePro V7900, AMD FirePro V5900, NVIDIA Quadro 2000 **Entry 3D**: ATI FirePro V4800, NVIDIA Quadro 600 **Professional 2D** (not certified): ATI FireMV™ V2260, NVIDIA Quadro NVS 420, NVIDIA Quadro NVS 295
Hard Drives[5]	Up to four internal SATA drives (8.0TB storage maximum) or three SAS drives (SAS drives require SAS 6/iR controller card) **SATA 3.0Gb/s 7200RPM**: Up to 2.0TB[6] with 8MB DataBurst Cache **SATA 3.0Gb/s 10K RPM**: Up to 600GB[6] with 16MB DataBurst™ Cache **SAS 15K RPM**: Up to 600GB[6] **SSD**: 256GB[5]
Communications	**Network Controller:** Integrated Broadcom® 5761 Gigabit Ethernet controller with Remote Wake UP and PXE support **Modem:** Optional Dell 56K v.92 Data/Fax PCI modem
Audio Controller	Integrated High-Definition Audio, 24-bit analog-to-digital; 24-bit digital-to-analog stereo conversion
Standard I/O Ports	Eleven USB 2.0: two on front panel, six on back panel, three internal (UDOC) on motherboard; eSATA: one rear; one serial; one parallel; two PS/2; one RJ-45; stereo line-in and headphone line-out on back panel; microphone and headphone connector on front; IEEE 1394a ports are provided with optional 1394 PCIe card
Mid-Tower Chassis	**Dimensions:** (HxWxD) 17.6" x 6.8" x 18.4"; 44.7cm x 17.2cm x 46.8cm **Bays:** Two internal 3.5" hard drive bays; two external 5.25" optical bays; one external 3.5" flex bay for media card reader or third (SATA) hard drive **Slots:** full-length except as noted. Two PCIe x8 wired x4 (one half-length); two PCIe x16 Gen 2 graphics; two PCI (half-length) **Power Supply:** 525W 85% efficient (80 Plus® Silver Certified) Power Factor Correcting (PFC) power supply; 525W 70% efficient Active PFC power supply
Monitor Compatibility	Compatible with performance flat-panel displays, Dell UltraSharp™ widescreen and standard flat-panel displays from 17" viewable to 30" viewable; analog flat-panel displays also available
Keyboard	Dell Enhanced Quietkey™ USB or optional: Enhanced Multimedia USB or Smart Card keyboard USB
Mouse	Dell USB two-button mouse or optional Dell USB optical two-button scroll mouse
Optional Speakers	Optional Speakers Internal chassis speaker, Dell two- and three-piece stereo system, or Dell sound bar for all flat-panel displays
Storage Devices	CD-RW/DVD Combo; DVD-ROM; DVD+/-RW; Blu-ray; USB media card reader
Security	**Software:** Trusted Platform Module 1.2 (TPM 1.2); Chassis intrusion switch; Setup/BIOS Password; I/O Interface Security **Hardware:** Kensington® lock slot, Padlock ring, Internal front-panel chassis lock
Environmental and Regulatory	**Environmental standards (eco-labels) include:** Energy Star® 5.0, EPEAT® registered (www.epeat.net for specific registration rating/status by country), China - CECP, Sweden - TCO'05, Germany – Blue Angel, GS Mark. For a complete listing of declarations and certifications see Dell's regulatory and compliance homepage at www.dell.com/regulatory_compliance
Service and Support	**Base:** 3-Year Limited Warranty[6] with 3-year standard Next Business Day (NBD) On-Site[7] parts replacement and 3-year NBD On-Site Service[7] **Recommended:** Dell ProSupport[8] is designed to rapidly respond to your business's needs, help protect your investment and sensitive data, and provide enhanced proactive support services to help reduce risk and complexity within your IT environment

Learn more at dell.com/Precision

[1] A 64-bit operating system is required to support 4GB or more of system memory.

[2] Significant system memory may be used to support graphics, depending on system memory size and other factors.

[3] ISV certification applies to select configurations

[4] GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

[5] The Dell Precision T3500 uses a very efficient Active Power Factor Correction (APFC) power supply. Dell recommends only Universal Power Supplies (UPS) based on Sine Wave output for APFC PSUs, not an approximation of a Sine Wave, Square Wave or quasi-Square Wave (see UPS Technical Specifications). If you have questions, please contact the manufacturer to confirm the output type.

[6] For copy of Ltd Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see www.dell.com/warranty

[7] May be provided by third-party. Technician dispatched, if necessary, following phone-based troubleshooting. Availability varies. See www.dell.com/servicecontracts for details.

[8] Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicedescriptions.

Dell PCs use Genuine Microsoft Windows. Intel, the Intel logo, Xeon and Xeon Inside are trademarks or registered trademarks of Intel Corporation in the U.S. and other countries. Microsoft, Windows and Windows Vista are trademarks or registered trademarks of Microsoft Corporation in the U.S. and other countries.
Dell is a trademark of Dell Inc. ©2010 Dell Inc. All rights reserved.