

# DELL PRECISION™ T1500



## **WORKSTATION PERFORMANCE, DESKTOP VALUE**

Looking for a cost-effective system to drive your Computer Aided Design productivity? Look no further. The Dell Precision T1500 is an excellent system providing advanced performance for workstation applications like AutoCAD®. It boasts workstation-class professional graphics card options, yet offers a cost-effective combination of technologies designed to help make the most of ever tightening budgets.

## **PEACE OF MIND**

Now you can have the reassurance of a workstation tested and certified to run popular CAD applications but with the value of a mainstream business desktop. Professional graphics card options from AMD® and NVIDIA® are designed to deliver accurate 3D CAD model views and accelerated OpenGL® performance, and are tested in Dell Precision workstations for use with leading applications unlike their consumer counterparts. The Dell Precision T1500 offers a choice of AMD ATI® FirePro® and NVIDIA Quadro® cards and, with it, peace of mind when running popular CAD applications on a complete, tested system.

## **TECHNOLOGY**

Lightning fast application performance and excellent productivity for users of demanding applications comes from the Intel® Core®i7 processors and chipset technology linked with fast 1333MHz DDR3 memory. Interactive and responsive work comes from the professional graphics cards that take advantage of amazing bandwidth of the PCI Express Generation 2 graphics slot. Important data files can be loaded and stored rapidly, or backed up locally, using RAID options when more than one hard drive is installed.

## **COMPACT AND QUIET**

The T1500 offers a compact  $\mu$ ATX chassis design that delivers on performance while operating quietly. This unobtrusive tower workstation is easy to position in an office and delivers the compute performance required. Its quiet operation helps provide an environment where creativity and interactivity can thrive.



FEATURES		Dell Precision™ T1500
<b>Processors</b>	Quad-core Intel® Core® i7 and i5 processors All processors are 64-bit, select CPUs support Turbo Mode and HyperThreading technology	
<b>Operating Systems</b>	Microsoft® Windows 7® Business and Ultimate Microsoft® Windows Vista® Business and Vista® Ultimate, Microsoft® Windows Vista® Business and Vista® Ultimate 64-bit Microsoft® Windows® XP Professional via Vista downgrade Ubuntu 9.04 Linux 32-bit	
<b>Chipset</b>	Intel P55	
<b>Memory<sup>2</sup></b>	Up to 16GB <sup>1</sup> 1066MHz and 1333MHz non-ECC memory in 4 DIMM slots	
<b>Flash BIOS</b>	BIOS 8MB flash memory for system BIOS; SMBIOS 2.5 support	
<b>Graphics<sup>2</sup></b>	Support for one PCI Express x16 Gen 2 graphics card up to 150W including: ATI FirePro V3750; NVIDIA Quadro FX580; NVIDIA Quadro NVS 295	
<b>Hard Drives<sup>3</sup></b>	SATA 3.0Gb/s: 7200RPM with 8MB DataBurst Cache™ up to 1.0TB Chassis supports up to two internal SATA drives (2.0TB storage maximum)	
<b>Networking</b>	Integrated Broadcom® 57780 Gigabit Ethernet controller	
<b>Audio Controller</b>	Integrated High Definition Audio (Rev 1.0 Specification) implemented with a two-chip audio solution comprised of the ADI 1984a High Definition Audio CODEC and the ICH10's integrated AC97/High Definition digital controller.	
<b>Standard I/O Ports</b>	Twelve USB 2.0: four on front panel, six on back panel, two internal (UDOC) on motherboard; one serial; 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	
MINI TOWER CHASSIS		
<b>Dimensions</b>	Mini-tower orientation: (HxWxD) 14.58" x 6.69" x 17.08"; 37.04 cm x 17.0 cm x 43.38 cm	
<b>Slots and Bays</b>	<b>Bays:</b> Two internal 3.5" HDD bays; two external 5.25" optical bays. <b>Slots:</b> One PCIe x1 slot; one PCIe x16 Gen 2 graphics slot; two PCI slots	
<b>Power Supply<sup>4</sup></b>	350W Power Factor Correcting (PFC) power supply	
<b>Monitor Compatibility</b>	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	
<b>Keyboard</b>	Dell Enhanced QuietKey USB or optional: Enhanced Multimedia USB or Smart Card keyboard USB	
<b>Mouse</b>	Dell USB two-button mouse or optional Dell USB optical two-button scroll mouse	
<b>Optional Speakers</b>	Optional Speakers Internal chassis speaker; Dell two- and three-piece stereo system; Dell sound bar for all flat-panel displays	
<b>Storage Devices</b>	<b>Optional Removable Storage:</b> CD-RW/DVD Combo, DVD-ROM, DVD+/-RW, Blu-ray Disc™, USB Floppy Drive, USB media card reader	
<b>Security</b>	<b>Software:</b> Setup/BIOS Password; I/O Interface Security <b>Hardware:</b> Kensington® Lock slot and padlock ring	
<b>Environmental and Regulatory</b>	Please refer to Safety Best Practices information on the Regulatory Compliance Homepage on <a href="http://www.dell.com">www.dell.com</a> at the following location: <a href="http://www.dell.com/regulatory_compliance">www.dell.com/regulatory_compliance</a>	
<b>Service and Support</b>	<b>Base:</b> 1-Year Limited Warranty <sup>5</sup> with 1 year standard Next Business Day (NBD) On-Site <sup>6</sup> parts replacement and 1 years NBD On-Site Service <sup>6</sup> <b>Optional:</b> 3-Year Limited Warranty <sup>5</sup> with 3 year standard Next Business Day (NBD) On-Site <sup>6</sup> parts replacement and 3 years NBD On-Site Service <sup>6</sup> <b>Recommended:</b> Dell ProSupport <sup>7</sup> 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	

<sup>1</sup> A 64-bit operating system is required to support 4GB or more of system memory.

<sup>2</sup> Significant system memory may be used to support graphics, depending on system memory size and other factors.

<sup>3</sup> GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less

<sup>4</sup> 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](http://www.dell.com/warranty)

<sup>5</sup> May be provided by third-party. Technician dispatched, if necessary, following phone-based troubleshooting. Availability varies. See [www.dell.com/servicecontracts](http://www.dell.com/servicecontracts) for details. Remote Diagnosis is determination by online/ phone technician of cause of issue; may involve customer access to inside of system and multiple or extended sessions. If issue is covered by Limited Hardware Warranty [www.dell.com/warranty](http://www.dell.com/warranty) and not resolved remotely, technician and/or part will be dispatched, usually within 1 business day following completion of Remote Diagnosis. Availability varies. Other conditions apply

<sup>6</sup> Availability and terms of Dell Services vary by region. For more information, visit [www.dell.com/servicesdescriptions](http://www.dell.com/servicesdescriptions).

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