Dell Precision T1600

Dell Precision Workstations

Precision is the key element that separates greatness from everything else. Dell Precision is your key tool whether your job requires you to design digital content, work with CAD models, analyze manufacturing processes or any other performance intensive application. Our workstation-class products offer voracious productivity, ISV certification, rock solid dependability, and harmonious manageability to maximize your productivity and reliability.

Meet the Dell Precision T1600

Integrating performance and peace of mind with exceptional value, the Dell Precision T1600 melds professional grade processors and graphics with ISV certification and faithful dependability in a just-right-size, easy-to-use, toolless chassis. Our customized-to-your-needs entry level workstation can help boost your productivity and your reliability all while helping you stay within your budget.

Prodigious Productivity

Quickly design your projects, from sophisticated 2D graphics to straightforward 3D models, with the agile Precision T1600 workstation. Advanced technology features include:

- Powerful and flexible Intel® Core™ or Intel® Xeon® processor options provide outstanding performance.

- Boost your productivity with workstation class graphics in the form of adaptable, integrated Intel® graphics and single or dual add-in graphics from AMD® and NVIDIA®.

- Expansive memory with four slots supporting up to 16GB[1] of ECC or 8GB[1] non-ECC DDR3 DIMMs means even large jobs are handled with aplomb.

Unwavering reliability

You can count on the Dell Precision T1600 tower for a long life of dependable service and easy repair or upgrades:

- ISV certified on the applications that matter most to you, helping assure that your mission-critical projects will be completed without delay

- New toolless chassis provides easy and straightforward access to system components for upgrades or repairs

- A Dell Precision legacy that includes a long line of rock-solid, steadfast workstations

Superb Value

Upgrade your work to workstation-class technology without breaking your budget. Step up your productivity with cost-effective, forward-looking features and professional-grade options, including:

- Latest-generation Intel® architecture for next generation workflow

- Powerful integrated graphics that provide high capability without high cost

- Cost-effective quad-monitor support via integrated graphics and a single add-in graphics card

- Scalable platform allows you to customize your configuration to your performance needs

Beyond-your-expectations service

Dell Precision goes beyond exceptional hardware to provide comprehensive support for total peace of mind. Dell gets you up and running quickly and helps you stay productive with responsive technicians and services.

- Optional Custom Factory Integration (CFI) incorporates hardware, images, applications, peripherals and documents with your system as it's built to help simplify and speed up deployment, while improving consistency and compatibility.

- Dell's premium support service, ProSupport[7], features 24/7 direct telephone access to advanced-level technicians based in your region to end downtime and resolve problems quickly.

- ProSupport's Collaborative Support feature provides assistance even if you have a problem with non-Dell hardware or software. We will leverage our relationships with over 75 top third-party vendors to act as your single point of contact to help resolve your issue.

Dell Precision T1600 Technical Specifications	
Processors	Intel® Xeon® E3-1200 series or 2nd generation Intel® Core™ processors. Turbo Boost mode and Intel Integrated HD Graphics on select processors.
Operating Systems	• Genuine Windows® 7 Ultimate (32-Bit or 64-Bit) • Genuine Windows® 7 Professional (32-Bit or 64-Bit) • Genuine Windows Vista® Ultimate (32-Bit) • Genuine Windows Vista® Business (32-Bit or 64-Bit) • Red Hat® Enterprise Linux® version 6 (select regions) • Ubuntu Linux (select regions)
Chipset	Intel® C206
Memory[1]	4 DIMM slots; up to 8GB 1333MHz non-ECC memory; up to 16GB 1333MHz ECC memory

Graphics[2]

One or two PCI Express® x16 Gen 2 discrete graphics cards supporting 75W maximum combined power.

Professional 2D (not certified)	Entry 3D	Mid-range 3D	High End 3D
AMD FirePro™ 2270 Intel HD Graphics 2000 Intel HD Graphics P3000 NVIDIA Quadro NVS 300 NVIDIA Quadro NVS 420	AMD FirePro V4800 NVIDIA Quadro 600	NVIDIA Quadro 2000	N/A

Hard Drives[3]	Up to two 3.5" SATA drives: 250GB, 500GB, 1TB, 2TB; Or up to four 2.5" SATA drives: 320GB, 500GB; Optional RAID 0 or 1
Communications	Integrated Intel® 82579LM Gigabit LAN (supports Remote Wake Up, PXE and Intel Active Management Technology); Optional Broadcom NetXtreme 10/100/1000 Gigabit Ethernet controller - PCI Express Card
Audio	Integrated High-Definition Audio with 24-bit analog to digital and 24-bit digital to analog stereo conversion.

I/O Ports

Rear	Front	Internal
6 - USB 2.0 1 - Serial 1 - VGA 1 - DisplayPort 2 - PS/2 1 - RJ-45 1 - Audio line-in / microphone 1 - Audio line-out 2 - USB 3.0 ports (optional card) 1 - IEEE 1394a port (optional card)	4 - USB 2.0 1 - Microphone 1 - Headphone	1 - USB 2.0

Mini-Tower Chassis	**Dimensions (HxWxD):** 14.17" x 6.89" x 16.99"; 360mm x 175mm x 431.5mm **Bays:** Two internal 3.5" bays accomodate two 3.5" or four 2.5" drives; two external 5.25" bays for optical drive and media card reader **Slots:** One PCIe x16 Gen 2; one PCIe x16 Gen 2 (wired x4); one PCIe x1; one PCI. All full-length and full-height per PCIe specification **Power Supply[4]:** 265W 65% Efficient Power Factor Correcting (PFC) or 320W 90% Efficient Power Factor Correcting
Monitor Compatibility	Compatible with performance flat-panel displays, Dell UltraSharp™ widescreen and standard flat-panel displays from 17" to 30" viewable; analog flat-panel displays also available
Keyboard Options	Dell Enhanced Quietkey™ USB; optional Enhanced Multimedia USB; optional Smart Card USB
Mouse Options	Dell USB two-button optical mouse or optional Dell USB two-button laser mouse
Speaker Options	Internal integrated speaker; Dell two- and three-piece stereo system; Dell sound bar for all flat-panel displays
Storage Device Options	DVD-ROM; DVD-RW; Blu-Ray; Optional media card reader (installed in external 3.5" bay)
Security	**Software:** Trusted Platform Module 1.2 (TPM 1.2); Chassis intrusion switch option, Setup/BIOS Password; I/O Interface Security; Intel Anti-Theft Protection option (iATP) **Hardware:** Kensington® Lock slot; padlock ring
Environmental and Regulatory	**Environmental standards (eco-labels) include:** Designed to meet the following (certification pending) - ENERGY STAR® 5.0 (select configurations), EPEAT Gold (select configurations); China - RoHS, CECP, CEC; EU - RoHS, WEEE; Germany - GS Mark; South Korea - RoHS, Eco-label; Japan - RoHS, Energy Law, Green PC **Other environmental options:** Dell Energy Smart settings (select configurations); Dell Asset Recovery Service
Service and Support	**Base:** 1-Year Limited Hardware Warranty[5] with 1-year standard Next Business Day Service after Remote Diagnosis[6] **Optional:** 3-Year Limited Hardware Warranty[5] w/ 3-year standard Next Business Day Service after Remote Diagnosis[6] **Recommended:** Dell ProSupport[7] 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