Big Performance, Small Footprint

Looking for a high-end workstation that’s designed to deliver groundbreaking performance and exceptional processing power in space constrained environments? Then look no further. Developed in close collaboration with hardware and software partners, the Dell Precision T5400 workstation combines a flexible, compact chassis and intelligent power management (up to 33% quieter than its predecessor) to deliver an ideal solution for financial trading floors, performance clusters, render farms and other crowded, power-sensitive environments. Optimised for performance, reliability and scalability in environments where space is at a premium, the Dell Precision T5400 lets you power through complex tasks and complete your projects faster than the previous generation.

- High frequency 64-bit quad and dual-core Intel Xeon processors can deliver performance gains over previous generation processors when running multi-threaded applications or multiple applications concurrently.
- Memory scalability up to 32GB1 - quad-channel FB DIMM memory architecture, delivers outstanding compute performance in a compact, rack ready form factor.
- Latest 15K SAS (Serial attached SCSI) hard disk storage delivers up to 30% higher performance than SATA 10K drives2
- A flexible dual-orientation chassis, with dual x16 Gen2 graphics slots for outstanding graphics performance and cost effective quad monitor support.

Visual Realism with High-Performance OpenGL Graphics

Dell Precision offers an intelligent selection of high-performance graphics cards that can satisfy a range of customer needs from outstanding OpenGL® 3D performance to dependable 2D performance.

Optimal Scalability in a Compact Chassis

With additional DIMM slots to expand memory capacity up to 32GB1, and an innovative chassis designed for flexibility, the Dell Precision T5400 provides a highly scalable, cost-effective architecture with performance capabilities that can fundamentally change the way you work.

If you’re looking to optimise efficiency and power usage (80% + energy efficient power supply) with a platform designed to support higher performing, multi-core Intel Xeon processors today and into the future, the Dell Precision T5400 is the ultimate choice. With Independent Software Vendor (ISV) application certification, you can be sure your applications will run efficiently on Dell Precision workstations, today and tomorrow.

Peace of Mind through ISV Application Certification

Dell partners with leading ISVs to certify system and application compatibility to ensure optimised performance in demanding workstation environments. To assure access to the latest productivity enhancing technology solutions, Dell invests in the workstation ISV community by providing the hardware platforms needed to further multithreaded and 64-bit application development. By maintaining strong relationships with ISV application developers, Dell engineers can provide ongoing optimisation and support, should you need it.
**SYSTEM**

**PROCESSORS**
Dual-core Intel® Xeon® 5200 series processors with 1333MHz front side bus and 8MB shared cache; Dual-core Intel® Xeon® 5400 series processors with 1333MHz front side bus and 6MB x 6MB shared cache; All processors are 64-bit, support Intel DBS (demand based switching) and Intel® VT (Intel® Virtualization Technology).

**OPERATING SYSTEMS**
- Genuine Windows® Vista® Ultimate; Genuine Windows® Vista® Business – 32Bit and 64Bit
- Genuine Windows® XP Pro SP 3
- Genuine Windows® XP Professional x64 Edition
- Red Hat® Enterprise Linux® WS x Intel® EMET4 (Also certified to run Red Hat Enterprise Linux Version 4 64-bit)

**CHIPSET**
Intel® e-8235 Chipset

**MEMORY**
Up to 32GB 800MHz quad-channel architecture Fully Buffered DIMM 667MHz ECC memory; in 4 DIMM slots. DIMMs up to 2GB at 667MHz.

**FLASH BIOS**
BIOS 1MB flash memory for system BIOS; SMBIOS 2.3 support

**GRAPHICS**
Support for 2 PCI Express x16 Gen 2 graphics cards up to 150 watts and with up to 1.5GB graphical memory including: NVIDIA Quadro® FX 5600; NVIDIA Quadro® FX 4600; Quadro® FX 1700; NVIDIA Quadro® FX570; NVIDIA Quadro® NVS 290; All graphics cards support dual monitor configurations

**HARD DRIVES**
SATA 3.0Gb/s 7200 RPM with 16MB DataBurst Cache up to 1.7TB; SATA 3.0Gb/s 1200 RPM with 8MB DataBurst Cache up to 250GB; SATA 3.0Gb/s 10K RPM with 16MB DataBurst Cache up to 320GB; SAS 15K RPM up to 300GB; Dual orientation chassis supports up to two internal drives plus 3.5 drive in flex bay (mini-tower) or optical bay (desktop) .

**HARD DRIVE CONTROLLER**
The T5400 uses a SATA 2.0gb/s host controller (part of the integrated Intel ES82 south bridge chipset) Optional SAS 6Gb/s controller supports SAS drives with host based RAID 0, 1, 5, 10, (RAID5 in mini-tower orientation only)

**NETWORK CONTROLLER**
Integrated Broadcom® 5784 Gigabit Ethernet controller. 2nd Gigabit port is available with the optional PCI-e Broadcom Gigabit card controller

**AUDIO CONTROLLER**
Integrated High Definition Audio (Rev 1.0 Specification) with Signature STAC9200 High Definition Audio CODEC and Intel ES82’s integrated AC97™ High Definition digital controller

**STANDARD I/O PORTS**
Eight USB 2.0: two on front panel, five on back panel, one internal (ODDC) on motherboard;
One front, one rear; Two serial; One parallel; One RJ-45; Stereo line-in and headphone line-out on back panel; Microphone and headphone connector on front panel

**RACKMOUNTABLE CHASSIS**

**DUAL ORIENTATION DESKTOP DIMENSIONS**
Desktop orientation with front: (WxHxD) 17.4" x 6.73" x 17.4" (maximum including badge); 44.8 cm x 17.1 cm x 43.1 cm (maximum including badge)

**Mini tower orientation with front: (WxHxD) 6.72" x 17.4" x 18.54"; 17.1 cm x 44.8 cm x 47.1 cm (maximum including badge)

**Slots and Bays**
Two internal 2.5" HDD bays; Two external 5.25" optical bays, one of which can accommodate a third HDD in desktop orientation
One external 3.5" floppy bay for floppy or media card reader or third (SATA) HDD, in mini-tower orientation

**STORAGE DEVICES**

**PERIPHERALS**

**MONITORS**
Compatible with performance flat panel displays, Dell UltraSharp™ widescreen and standard flat panel displays from 17” viewable to 30”, viewable; Analog flat panel displays and CRT monitors also available

**KEYBOARD**
Dell Enhanced QuietKey USB; Enhanced Multimedia USB; Smart Card keyboard USB

**MOUSE**
Dell USB two-button mouse and Dell USB optical two-button scroll mouse

**OPTIONAL SPEAKERS**
Internal chassis speaker; Dell two and three piece stereo system; Dell sound bar for all flat panel displays

**STORAGE DEVICES**

**OPTIONAL REMOVABLE STORAGE**
CD-RW/DVD Combo, DVD-ROM, DVD+/-RW, Blu-Ray, USB Floppy Drive, USB media card reader

**OPTIONAL MODEM**
Dell 56k x 4 Data/Fax PCI modem

**SECURITY**

**SOFTWARE**
Trusteed Platform Module 1.2 (TPM 1.2); Chassis intrusion switch; Setup/BIOs Password; I/O Interface Security

**HARDWARE**
Kensington Lock, Padlock, Internal front panel chassis lock

**ENVIRONMENTAL & REGULATORY**

**BASE**
3-Year Limited Warranty with 3 years standard Next Business Day (NBD) on-site/part replacement and 3 years NBD onsite/labor (US Only)

**RECOMMENDED**
3-Year Same Business Day 4 hour On-site Service – 5 days a week, M-F 10 hours a day (8-8PM)
3-Year Same Business Day 4 hour On-site Service – 7 days a week, 24 hours a day
3 & 4-year Gold Technical Support, expert support via phone, e-mail and online chat – 7 days a week, 24 hours a day

**LEAD FREE**
Environmentally conscious design is RoHS Compliant/Lead Free

**SERVICE & SUPPORT**

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