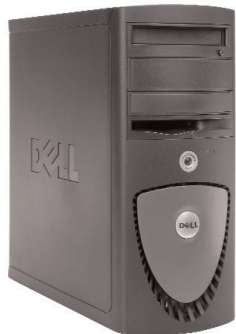


Dell Precision™ Workstation 370



The Dell Precision™ Workstation 370 is a highly-scalable workstation designed for complex computing environments that require outstanding performance, expandability and reliability in a single processor architecture.



Workstation Class Performance & Reliability

The Dell Precision Workstation 370 incorporates the latest technology advancements designed to deliver the maximum performance needed to run your most demanding applications. Dell Precision workstations are not only designed for your high performance environments, but also certified and optimized for your software applications to help increase user productivity and overall quality of work.

Delivering Revolutionary Productivity Gains With Evolutionary Technology

The 370 includes the new Intel® core architecture based on the Intel 925Xchipset which supports many new technologies that positively impact every primary performance sub-system. With support for the latest Intel Pentium® 4 processors, performance-hungry users will benefit from clock speeds of up to 3.6GHz with the 800MHz Front Side Bus (FSB), and 1MB L2 cache (2MB L3 cache on Extreme Edition). For users who work with large data sets, Intel's new EM64T technology (64-bit Extended Memory) brings access to large virtual memory expansion - up to 16GB (with 64-bit operating systems and applications) but at 32-bit platform price points and with uncompromised 32-bit application performance. Up to 4GB¹ of next generation DDR2 533 ECC memory is supported.

The Intel 925X chipset also addresses system I/O bottlenecks with support for PCI Express, a highly scalable, serial bus that can increase the throughput of internal data connections including graphics and expansion slots. For users of storage intensive applications, such as digital content creators, Intel also delivers great performance and disk configuration flexibility with the integration of Serial ATA technology in ICH6R. With support for 10,000 RPM SATA drives and on-board RAID 0 and 1, the 370 can deliver increased speed and one-step, fail-safe back-up for critical data.

Legacy support is present for customers who still need access to 32-bit PCI expansion slots. Users will appreciate the increased performance today while IT managers can be assured of a smooth transition path to the future.

All New Workstation-Class PCI Express x16 Graphics

New PCI Express-based graphics usher in a new era of workstation-class visual realism. The Dell Precision 370 offers a selection of the new generation, high-performance workstation-class graphics cards up to 150W² based on the new PCI Express x16 interface which features up to 4x the bandwidth of the previous AGP 8x interface. The new 256MB nVidia® Quadro® 3400 provides exceptional OpenGL 3D performance. The nVidia® Quadro® FX 1300 mid-range card delivers an excellent price/performance solution for the demanding 3D user. The 128MB ATI™ FireGL™ v3100 delivers quality 3D performance at an entry level price. Rounding out the 370 graphics offerings, nVidia's 64MB Quadro NVS 280 is available for customers who desire a low cost card that provides great 2D performance with optional dual monitor capability.

More Peace of Mind with ISV Application Certifications

Dell partners with leading Independent Software Vendors (ISVs) to certify workstation and application compatibility so your applications will run powerfully and efficiently on the Dell Precision 370. Through rigorous testing, Dell helps ensure flawless compatibility in demanding workstation environments. We tune Dell Precision hardware for optimized performance with each application. Plus, Dell provides specialized ISV-knowledgeable service & support to keep your system running smoothly with your applications.

Dell Precision's ISV partners include: ADOBE - Premiere; Alias - Maya; ANSYS - Multiphysics, Designspace; AutoDesk - AutoCAD, Inventor, Discreet - 3ds Max, AVID - Softimage XSI, Softimage 3D; Bentley Systems - Microstation; Dassault Systems - Catia V5, Enovia DMU, SolidWorks; EDS - Unigraphics, Solid Edge; ESRI - Arc/INFO, Arc/View; FLUENT; MSC Software - Nastran, Patran; Newtek - Lightwave; PTC - Pro/Engineer; Wildfire; and Mechanica.

Scaling Your Dell Precision 370

The Dell Precision 370 is highly scalable, so you can configure a system that matches your unique requirements. With a full range of performance options, such as high-performance PCI Express, and PCI expansion slots, optional U320 SCSI RAID (0,1) controller and a choice of certified graphics cards, the Dell Precision 370 is built with your future needs in mind. The Dell Precision 370 supports up to three hard drives capable of providing a maximum 1.2TB SATA or 438GB of combined SCSI capacity while the high-speed, 15,000 RPM U320 SCSI drives provide maximum performance and capacity for compute-intensive workstation applications. And for external storage requirements, the Dell Precision 370 is capable of supporting up to two external removable devices. Select from Dell Precision's wide range of 5.25" external devices including the versatile DVD+RW³ drive and CD-RW/DVD-ROM combo drive as well as CD-RW, CD-ROM, DVD-ROM and USB Memory Key devices.

Rich and Reliable Manageability Features

Dell follows open industry standards for system management and network administration to help ensure that your system integrates seamlessly with your network. The Dell™ OpenManage™ suite of products delivers software and hardware management features designed to lower total cost of ownership. It also helps to keep you productive and current by enabling mass system updates, providing system alerts, and allowing after hours software updates and imaging. In addition, you receive the benefits of Dell's award-winning service and support staff with a dedicated workstation phone queue and three year Next Business Day On-Site service.⁴ Providing uncompromised performance, exceptional scalability and flexibility and the latest processor technology, the Dell Precision 370 is well suited for the most challenging entry workstation applications.

Easy as **DELL**™

For more information, visit www.dell.com

Dell Precision Workstation 370

SYSTEM

Processor .....	.One Intel® Pentium® 4 processor with 800MHz front side bus and 1M L2 cache, available up to 3.6GHz clock speeds, 3.2, 3.4, and 3.6GHz CPUs enabled with Intel® EM64T technology. Pentium 4 3.40GHz Extreme Edition w/ 2MB L3 cache also available
Operating Systems	Dell recommends Microsoft® Windows® XP Professional for Business Microsoft® Windows® XP Professional; Microsoft® Windows® 2000 Professional; Red Hat® Enterprise Linux WS v.3, and Red Hat® Enterprise Linux WS v.3 for Intel® EM64T
Chipset	Intel® 925X chipset
Memory	512MB DDR2 400 N-ECC or 512MB DDR2 533 ECC unbuffered memory standard; 4 DIMM slots - 4GB ¹ maximum: 256 MB, 512 MB, & 1 GB DIMMs available installed in pairs (dual channel memory),
Flash BIOS	4MB Flash memory for system BIOS, setup, Plug-and-Play DMI 2.0s (optional) and SMBIOS 2.3.1 support
Graphics Support	nVidia® Quadro® NVS 280 (DVI/VGA) with 64MB memory Dual Monitor (VGA or optional DVI or VGA) ATI TM FireGL™ V3100 (DVI/VGA) with 128MB memory, Dual Monitor (VGA or DVI/VGA) nVidia® Quadro® FX 1300 (DVI/VGA) with 128 MB memory, Dual Monitor (VGA or DVI) nVidia® Quadro® FX 3400 (DVI/VGA) with 256 MB memory, Dual Monitor (VGA or DVI) Graphics cards up to 150 watts are supported ²
Hard Drives	Serial ATA 150, 7,200 RPM: 40GB, 80GB, 160GB, 250GB, 400GB (all but the 40GB include 8MB DataBurst™ TM Cache); Serial ATA/150 10,000 RPM: 74GB (includes 8MB DataBurst™ TM Cache); Ultra 320 SCSI: 10,000RPM: 36GB, 146GB; 15,000RPM: 36GB, 73GB;
Hard Drive Controller	Integrated Serial ATA 150 with on-board RAID 0 and 1, Optional Adaptec Ultra 320 SCSI PCI Controller with RAID 0 and 1
Network Controller	Integrated PCI Express Broadcom® BCM5751 10/100/1000 Gigabit® Ethernet
Audio Controller	Integrated Analog Devices AC'97 Audio; Optional Sound Blaster® Audigy 2 (D) ³ with onboard 1394a port
Standard I/O Ports	USB 2.0 (8), serial (up to 2, second optional), parallel, PS/2 keyboard, PS/2 mouse, RJ-45, 1.44MB floppy, stereo line-in (minijack), microphone-in (minijack), speakers/line-out (minijack) and headphone (minijack - front), front panel IEEE-1394a-ready connector (desktop version) requires optional 1394a PCI Controller or Audigy 2 card

CHASSIS

Chassis	(Desktop). 17.5" width x 6.5" height x 18.0" depth, 44.5 cm x 16.5 cm x 45.7 cm (Mini-Tower) 7.1" width x 16.7" height x 17.6" depth, 18.0cm x 42.4 cm x 47.7cm Two internal 3.5" x 1" drive bays, Two external 5.25" drive bays, one external 3.5" floppy bay, one PCI Express x16 graphics slot, 1 PCI Express x1 slot 3 PCI 2.2 slot (5v, 32-bit) on Mini-tower, (4) on desktop, (3) Full length PCI up to 11" and One up to 9" (mini-tower); (4) Full length PCI (desktop), 350 Watts Power Factor Correcting (PFC) power supply
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PERIPHERALS

Monitors	Performance Flat Panel Monitors: Dell UltraSharp™ 2001FP 20" (20" VIS) 1280 x 1024 Digital/Analog Flat Panel Display Dell UltraSharp™ 1901FP 19" (19" VIS) 1280 x 1024 Digital/Analog Flat Panel Display Dell UltraSharp™ 1703FP 17" (17" VIS) 1600 x 1200 Digital/Analog Flat Panel Display, Value Flat Panel Monitors: Dell E172FP 17" (17" VIS) Analog Flat Panel Display Dell E173FP 17" (17" VIS) Analog Flat Panel Display Performance Monitors: Dell P1230 22" Dell (20.3" VIS) Flat Display UltraScan™ CRT Monitor Mainstream Monitors: Dell M992 19" (18" VIS) CRT Monitor Dell M993 19" (18" VIS) CRT Monitor Dell M783 17" (16" VIS) CRT Monitor Value Monitors: Dell E773 17" (16" VIS) CRT Monitor
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STORAGE DEVICES

Keyboard (105 Keys)Dell PS/2 Entry Quiet Key; Dell USB Hot Key Programmable Keyboard; Dell Smart Card Reader Keyboard
Mouse .....	.Dell PS/2 2 button mouse; Dell PS/2 2-button scroll mouse; Dell USB Optical 2 button scroll mouse, USB, Logitech MX-500
Speakers .....	.Dell A215 Two Piece Stereo System Dell A425 Speakers Dell AS500 Sound Bar, for 1703FP, 1901FP flat panel displays Dell AS500PA Sound Bar, E172FP flat panel display
Optional Removable Storage .....	.1.44MB FDD; CD-ROM; CD-RW; DVD-ROM; CD-RW/DVD-ROM Combo drive; DVD+ RW ⁴ ; Dell USB Memory Key 64MB ⁵ and 128MB ⁶

SOFTWARE

Modem .....	.Optional 56K ⁷ PCI v.92 internal controller-less Data/Fax modem
Office Application Suites .....	.Microsoft® Windows® XP Professional, Microsoft® Windows® 2000 Professional, Red Hat® Enterprise Linux WS with WS370n, Red Hat® Enterprise Linux WS v.3 for Intel® EM64T 64 with WS370n
Standard Management Tools .....	.Dell OpenManage™ IT Assistant, LegacySelect (control of I/O ports), OpenManage Client Instrumentation
Standard Manageability Features .....	.Desktop Management Interface (DMI) 2.0S, CIM, WBEM, Wired for Management (WfM) 2.0, PXE, BIS, SNMP, SM BIOS 2.3.1, Advanced Control, Power Interface 1.0b (ACPI), DDC2b and Diagnostic LEDs: Four yellow and/or green LEDs on back of system (mini-tower), on the front of the system(desktop)
Key Support Features .....	.S3/4 sleep state support, Remote System Alerts, Remote BIOS flash, Remote BIOS configuration, Remote Wake-up capable, DMI information export to SMS, DIMM Pre-Failure Alert, Asset Tag, Property Ownership Tag, Chassis Intrusion Alert, DMI Configuration Change Alert, Enhanced S.M.A.R.T. II HDD Alerts
Standard .....	.TC099, Blue Angel, Energy Star BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA 99, SABS, SASO, TCO, TUV, UL, VCCI
Base .....	.3 Year limited warranty ⁸ and Next Business Day on-site service ⁹ (US Only)
Optional .....	.3 Year Same day 4-hour On-Site Service ⁹ ; 5 days x 10 hours a day 3 Year Same day 4-hour On-Site Service ⁹ ; 7 days x 24 hours a day

ENVIRONMENTAL, ERGONOMICS & REGULATORY SERVICE & SUPPORT



Intel PRO Network Connections



Dell PCs use genuine Microsoft® Windows®. www.microsoft.com/piracy/howtotell

Dell's Terms and Conditions of Sales and Service apply and are available upon request. Dell cannot be held responsible for errors in typography or photography.

1 The total amount of usable memory available will be less than 4GB, depending on the actual system configuration.
2 Purchase of an additional fan blower, available from Dell, may be required for the mini-tower chassis to support 150w PCI Express cards.
3 Discs burned with this drive may not be compatible with some existing drives and players; using DVD+R media provides maximum compatibility.
4 Service may be provided by third-party. Technician will be dispatched if necessary following phone-based troubleshooting. Subject to parts availability, geographical restrictions and terms of service contract. Service timing dependent upon time of day call placed to Dell. U.S. only.
5 This term does not connote an actual operating speed of 1 GB/sec. For high speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.
6 Certain system components may differ from the retail version
7 For writable storage devices, MB means 1 million bytes; total accessible capacity varies depending on operating environment
8 Upload speeds are limited to 53Kbps. Download speeds are less (about 30Kbps). Speeds can vary by line condition and modem manufacturer. Analog phone line and service required.
9 For a complete copy of our guarantees and limited warranties, please write Dell U.S.A. L.P., Attention: Warranties, One Dell Way, Round Rock, TX 78682. For more information, visit http://www.dell.com/us/en/gen/misc/policy_010_policy.htm

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