



Dell | Precision Workstation 360

**Balanced power in an entry-level
single-processor workstation that
delivers performance where it counts!**

Introducing the Dell Precision Workstation 360...

The Dell Precision™ Workstation 360 has integrated next-generation technologies, all in a single-processor workstation designed to help you meet the industry's most demanding workstation applications. What's new? Fast Intel® Pentium® 4 800MHz processors with Hyper-Threading Technology, choice of new ECC DDR400 or DDR333 SDRAM, integrated Serial ATA technology and the industry's latest AGP8X and AGP8X Pro50 graphics options certified on the industry's leading workstation applications. All in your choice of a mini-tower or desktop chassis.

...Balanced processing power and memory speed

Combine the new Intel Pentium 4 800MHz processors with ECC DDR400 memory to get optimal balanced performance through matched processor and memory bus bandwidth running at a blazing 6.4GB/sec. Configurations range from 256MB to 4GB of memory. New ECC DDR400 and ECC DDR333 memory help ensure data reliability and integrity.

...Integrated and independent: faster and more flexible storage solutions

All the options that professionals need to meet their storage challenges. Two integrated, independent Serial ATA channels and two IDE channels independent of the PCI bus. Need SCSI? Just add a U320 SCSI controller with RAID and select your choice of 10k or 15k SCSI HDs with storage expansion up to half a terabyte.

...Full range of workstation-class graphics options

You don't have to limit your choice of graphics options since they all provide 8X AGP performance. Start with the nVIDIA® Quadro NVS 280 64MB DDR or the nVIDIA Quadro™ FX 500 128MB DDR. Or move up to a mid-range graphics choice, ATI® Fire GL™ X1, 128MB DDR. The high-end solution is the 3DLabs Wildcat4U7110, AGP 8X Pro50, 256MB DDR. Each graphics option supports dual-monitor capability with combinations of VGA and DVI display.

...And it all comes with FULL ISV certification

Dell partners with leading workstation Independent Software Vendors (ISVs) to certify system and application compatibility so your applications will run powerfully and efficiently on the Dell Precision Workstation 360. Through rigorous testing, Dell helps ensure flawless compatibility in demanding workstation environments. We tune Dell Precision hardware for optimised performance with each application. In addition, Dell provides specialised ISV service support to keep your system running smoothly with your applications.

Dell Precision's ISV partners include: ADOBE – Premiere; ALIAS WAVEFRONT – Maya; ANSYS – Multiphysics, Designspace; AutoDesk – AutoCAD, Inventor; Discreet – 3ds max; AVID – Softimage XSI, Softimage 3D; Bentley – Microstation; Dassault – Catia V5, Enovia DMU, SolidWorks; EDS – Unigraphics, I-deas, Solid Edge; ESRI – Arc/INFO, Arc/View; FLUENT; LANDMARK GRAPHICS; MSC – Nastran, Patran; Newtek – Lightwave; PTC – Pro/Engineer Wildfire; Designer.

...With rich and reliable manageability features

Dell follows open industry standards for system management and network administration to help ensure your system integrates seamlessly with your network. The Dell OpenManage™ suite of products delivers software and hardware management features designed to help lower total cost of ownership. It also helps keep you productive and current by enabling mass system updates, providing system alerts and allowing after-hours software updates and imaging.

... Service and dedicated workstation technical support

In addition, you receive the benefits of Dell's award-winning service and support with a three year Next Business Day On-Site³ service.



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SYSTEM

Processor	Intel® Pentium® 4 processor with 800MHz/533MHz front side bus and 512KB L2 cache with Intel Hyper-Threading Technology (800MHz processors only)
Chipset	Intel 875P chipset
Memory	256MB ECC 400MHz DDR/non-ECC & ECC 333MHz DDR memory; 4 DIMM slots – 4GB maximum: 128MB DIMM (non-ECC or ECC), 256MB DIMM (non-ECC or ECC), 512MB DIMM (non-ECC or ECC) or 1GB DIMM non-ECC and ECC 333MHz DDR and ECC 400MHz DDR when available
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 4 280 NVS 64MB DDR, AGP 8X, available in single or dual VGA and single or dual DVI nVIDIA QuadroFX 500, 128MB DDR, AGP 8X, dual monitor (VGA and DVI or two VGA) ATI® Fire GLX1, AGP 8X, 128MB, dual monitor (VGA and/or DVI) 3Dlabs Wildcat4010, AGP 8X, 256MB DDR, Dual monitor (VGA and/or DVI)(Desktop chassis only)
Hard Drives	Enhanced IDE S.M.A.R.T. II ATA/100, 7,200RPM: 20GB, 40GB, 80GB, 120GB(120GB includes 8MB DataBurst Cache) Serial ATA/150, 7,200 RPM: (120GB includes 8MB DataBurst Cache) Ultra 320 SCSI: 10,000RPM: 36GB, 146GB; 15,000RPM: 36GB, 73GB
Hard Drive Controller	Integrated dual channel/connector, bus mastering ATA/100 and Serial ATA connectors Optional Ultra 320 SCSI PCI Controller with RAID 0/1 or Serial ATA Controller with RAID 0/1
Network Controller	Intel 10/100/1000 Gigabit Ethernet
Audio Controller	Integrated Analog Devices AC'97 Audio with optional internal Dell™ business audio speaker on mini-tower chassis and harman/kardon® HK 395 external speakers
Standard I/O Ports	USB 2.0 front (2), rear (6), serial (2), parallel, PS/2 keyboard, PS/2 mouse, RJ-45, stereo line-in (minijack), microphone-in (minijack), speakers/line-out (minijack) and headphone (minijack – front)
Optional I/O Ports	IEEE-1394 PCI Controller (3-port)

CHASSIS

Desktop Chassis	165mm H x 445mm W x 445mm D. Two internal 3.5" x 1" drive bays, two external 5.25" drive bays, one external 3.5" floppy bay, one AGP Pro50 8X slot, four PCI 2.2 slots (5V, 32-bit)-three at 4.2" x 11" PCI and one at 4.2" x 9", 330 watt Power Factor Correcting (PFC) power supply
Mini-Tower Chassis	426mm H x 180mm W x 447mm D. Two internal 3.5" x 1" drive bays, two external 3.5" drive bays, two external 5.25" drive bays, one AGP 8X slot, four PCI 2.2 slots (5V, 32-bit) – three at 4.2" x 11" PCI and one at 4.2" x 9", 305 watt Power Factor Correcting (PFC) power supply

PERIPHERALS

Monitors	Performance Flat Panel Monitors: Dell UltraSharp™ 2000FP 20" (20" viewable) Digital/Analogue Flat Panel Display Dell UltraSharp 1900FP 19" (19" viewable) Digital/Analogue Flat Panel Display Dell UltraSharp 1800FP 18" (18" viewable) Digital/Analogue Flat Panel Display Dell UltraSharp 1702FP 17" (17" viewable) Digital/Analogue Flat Panel Display Dell UltraSharp 1504FP 15" (15" viewable) Digital/Analogue Flat Panel Display Value Flat Panel Monitors: Dell E171FP 17" (17" viewable) Analogue Flat Panel Display Dell E151FP 15" (15" viewable) Analogue Flat Panel Display Performance CRT Monitors: Dell P1130 21" (19.8" viewable) Flat Display UltraScan™ Monitor Mainstream CRT Monitors: Dell M992 19" (18" viewable) Monitor Dell M782 17" (16" viewable) Monitor Value CRT Monitors: Dell E773 17" (16" viewable) Monitor
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STORAGE DEVICES

Optional Removable Storage	USB memory key; 1.44MB FDD; CD-ROM; CD-RW; DVD-ROM; CD-RW/DVD-ROM Combo drive; DVD+RW/+R; 250MB Zip Drive
Keyboard (105 Keys)	Dell PS/2 Entry Quiet Key; Dell Enhanced Performance, USB Keyboard with 8 Hot Keys; Dell Smart Card Reader Keyboard
Mouse	Dell PS/2 2-button mouse; Logitech USB Optical 2-button scroll mouse (available with short cord), Dell 2-button scroll mouse
Speakers	Internal Dell business audio speaker Internal speaker (mini-tower chassis); harman/kardon HK-395 external speakers; Altec Lansing® ADA-215 external speakers
Modem	56K ¹ , PCI v.92 internal controller-less Data/Fax modem

SOFTWARE

Operating Systems	Microsoft Windows® XP Professional; Microsoft Windows 2000 Professional; Red Hat® Linux®
Office Application Suites	Microsoft Office XP Pro
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
Key Support Features	S3/S4 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 Certifications TCO'99, Blue Angel, Energy Star² BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA 99, SABS, SASO, TUV, UL, VCCI

Base	Three-Year Next Business Day On-Site ³
Optional	Three-Year Same Day Four-Hour On-Site Response Service



Dell recommends Microsoft® Windows® XP Professional for Business

1. This term indicates compliance with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gigabit/sec. For high-speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required. 2. Service may be provided by third-party. Technician will be dispatched if necessary following phone-based troubleshooting. 3. Response times may vary according to the remoteness or accessibility of product location. Service may be provided via telephone or Internet where appropriate. Certain restrictions apply. In the UK consumers are entitled to cancel orders within 7 working days of delivery. Product return at the cost and risk of the consumer. Dell collection charge £49.00 + VAT. 4. Download speeds are limited to 53Kbps. Upload speeds are less (about 30Kbps). Speeds can vary by line condition and modem manufacturer. Analogue phone line and service required. 5. EnergyStar requires 15W of power or less to be compliant when asleep. For S3/S4 to function properly, all system peripherals and the operating system must support S3/S4. Dell, the Dell logo, Precision, UltraScan, UltraSharp and OpenManage are registered trademarks or trademarks of Dell Computer Corporation. Intel, the Intel Inside Pentium 4 Processor logo and Pentium are registered trademarks or trademarks of Intel Corporation. Microsoft, Windows, the Windows logo and IntelliMouse are registered trademarks or trademarks of Microsoft Corporation. Red Hat is a registered trademark of Red Hat Software Incorporated. Linux is a registered trademark of Linus Torvalds. nVIDIA and Quadro are registered trademarks of NVIDIA Corporation. Altec Lansing is a registered trademark of Altec Lansing Technologies, Inc. Dell disclaims proprietary interest in the trademarks and names of others. © 2003 Dell Computer Corporation. All rights reserved.

* V.I.S. means viewable in screen

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