

# Dell Precision Workstation 380



**The Dell Precision™ Workstation 380 is a robust, scalable entry level workstation designed for computing environments that require optimized performance, expandability and reliability in a uni-processor architecture.**

## **Redefining Customer Productivity in the Entry Workstation Space**

The Dell Precision Workstation 380 incorporates some of the latest technology advancements, including new Intel® Pentium® class dual core processors, designed to deliver the performance needed to run your demanding workstation-class applications. All Dell Precision workstations are designed for high-performance environments and optimized for software applications to help increase user productivity and overall quality of work.

## **Delivering Productivity Gains with 64-Bit Technology**

Unleash the power of 64-bit processing and larger memory addressability<sup>1</sup> to design bigger, animate with more realism and help improve accuracy for critical applications. The Dell Precision 380 marks the first generation of a powerful new Intel core architecture based on the Intel 955X chipset, providing support for new Intel Extreme Edition and Pentium D 64-bit dual core processors in addition to the fastest Intel Pentium 4 64-bit processors available today. Up to 8GB<sup>2</sup> of high speed DDR2 memory is supported, enabling high performance by reducing the need to swap large amounts of data to disk. Optional ECC memory can provide a more robust operating environment.

For users of storage intensive applications such as digital content creators, Dell delivers great performance and expanded disk configuration flexibility with integrated Serial ATA RAID. With support for 10,000 RPM SATA drives and RAID 0, 1, 5\*, and 10\*, the 380 can deliver increased HDD speed and one-step, fail-safe back-up for critical data. Legacy support is also present for customers who need access to 32-bit PCI expansion slots. Users can appreciate increased performance today while IT managers can be assured of a smooth transition path to 64-bit operating systems and applications.

## **Workstation-Class PCI Express x16 Graphics**

PCI Express-based OpenGL graphics technology has ushered in a new era of workstation-class visual realism. The Dell Precision 380 offers an intelligent selection of high-performance workstation-class graphics cards, from entry level 2D/3D cards to the high end 512MB 3D card, the nVIDIA® Quadro® FX 4400. Dell Precision 380 graphics cards support dedicated hardware OpenGL.

## **Peace of Mind with ISV Application Certifications**

Dell partners with leading Independent Software Vendors (ISVs) to certify workstation and application compatibility so that your applications will run powerfully and efficiently on Dell Precision workstations. 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 and support to keep your system running smoothly with your applications.

## **Introducing a Flexible New Dell Precision 380 Chassis**

Dell Precision 380 introduces a new, scalable chassis that can allow you the flexibility to configure a system matched to your unique requirements. The innovative chassis helps provide investment protection by supporting both mini-tower and desktop orientations with rotating optical storage to match. The new chassis has been designed to enable easy access to its interior without the requirement for additional desk space to open the system.



Dell Precision 380

With a full range of performance options such as high-performance PCI Express, PCI expansion slots, an optional U320 SCSI RAID (0,1) controller and a choice of certified OpenGL graphics cards, the Dell Precision 380 is designed with your future needs in mind. The Dell Precision 380 supports up to three SCSI or SATA hard drives (fourth SATA hard drive supported in mini-tower orientation) capable of providing generous total local, online storage for storage hungry workstation applications.

## **Rich and Reliable Manageability Features**

Dell follows open industry standards for system management and network administration to help ensure that your workstation 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.

In addition, you receive the benefits of Dell's award-winning service and support with three year Next Business Day On-Site service<sup>3</sup>. Providing uncompromised performance, exceptional scalability and flexibility and the latest processor technology, the Dell Precision 380 is well suited for your challenging entry workstation applications.

**GET MORE PERFORMANCE AND VALUE. GET MORE OUT OF NOW.**





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## FEATURES Dell Precision™ 380

### SYSTEM

<b>Processor*</b>	Single and dual core processors including Intel® Pentium® processor Extreme Edition 840 at 3.2 GHz with hyper-threading technology and 2 X 1MB L2 cache; Intel Pentium 4 Extreme Edition processor at 3.73GHz with HT Technology, 1066 FSB and 2MB L2 cache; Intel Pentium 4 processor at 3.8GHz with HT Technology, 1MB L2 cache; all processors support Intel Extended Memory 64 Technology
<b>Cache</b>	Up to 2MB L2
<b>Front side bus</b>	800MHz, 1066MHz with Intel Pentium 4 Extreme Edition at 3.73GHz
<b>Operating systems*</b>	Dell recommends Microsoft® Windows® XP Professional for Business
<b>Chipset</b>	Intel 955X chipset
<b>Memory*</b>	Four DIMM slots support 512MB to 8GB <sup>2</sup> dual-channel DDR2 533 non-ECC and ECC memory
<b>PCI Express graphics*</b>	nVIDIA® Quadro® FX 1400 (128MB); nVidia Quadro FX 4400 (512MB); graphics cards up to 150 watts are supported
<b>Hard drives*</b>	Support for up to four SATA hard drives, including: 80GB <sup>4</sup> , 250GB <sup>4</sup> @ 7,200 RPM and 80GB <sup>4</sup> @ 10,000 RPM (all with 8MB DataBurst cache)
<b>Hard drive controller*</b>	Integrated multi-channel SATA II with RAID 0, 1
<b>Network controller</b>	Integrated PCI Express™ Broadcom® BCM5751 10/100/1000 Gigabit <sup>5</sup> Ethernet
<b>Audio controller</b>	Integrated HD Audio; Optional Sound Blaster® Audigy™ 2 (D) <sup>6</sup> with Dolby Digital™ 5.1, IEEE 1394a
<b>Standard I/O ports</b>	USB 2.0 (8) – two in front, five in rear and one internal, one serial (optional 2 <sup>nd</sup> serial), one parallel, one PS/2 keyboard, one PS/2 mouse, one 10/100/1000 <sup>5</sup> NIC - RJ-45; optional floppy; stereo line-in; microphone-in; front headphone/speaker out; front panel IEEE 1394a port when optional IEEE 1394a controller card or Sound Blaster Audigy 2 (D) <sup>6</sup> with Dolby Digital 5.1, IEEE1394a audio card is ordered at time of system purchase

### CHASSIS\*

<b>Chassis</b>	Desktop orientation: (W x H x D) 17.53" x 6.7" x 18.44"; 44.73 cm x 17.2 cm x 46.84 cm Mini-Tower orientation: (W x H x D) 6.63" x 17.61" x 18.44"; 17.2 cm x 44.73 cm x 46.84 cm
	Two internal 3.5" x 1" drive bays; two external 5.25" removable device bays; one external 3.5" flex bay for optional floppy drive or optional internal USB media card reader (desktop orientation); mini-tower orientation includes two external flex bays for optional floppy drive or optional internal USB media card reader and 4 <sup>th</sup> SATA drive; 375 watts Power Factor Correcting (PFC) power supply

### PERIPHERALS

<b>Displays</b>	UltraSharp™ flat panel displays up to 24", CRT monitors up to 20"
<b>Keyboard (105 Keys)</b>	Dell entry QuietKey™; Dell USB entry keyboard; Performance USB keyboard with programmable hot keys
<b>Mouse</b>	Dell 2-button mouse; Dell 2-button scroll mouse; Dell USB optical mouse; Logitech® MX™ 7-button scroll mouse
<b>Speakers</b>	Dell two-piece stereo system; Dell speakers with subwoofer; Dell sound bar (fits all flat panel displays)

### STORAGE DEVICES\*

<b>Optional Removable Storage</b>	CD-RW/DVD-ROM combo drive; 16X DVD+/-RW <sup>7</sup> ; Dell USB memory key 64MB <sup>8</sup>
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### ENVIRONMENTAL & REGULATORY

<b>Standards</b>	TC099; Blue Angel; Green PC; Energy Star; BSMI; C-TICK; CE; FCC; IRAM; EMKO; NFPA 99; SABBS; SASO; TCO; TUV; UL; VCCI; USB 2.0
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### SERVICE & SUPPORT

<b>Base</b>	3-Year Limited Warranty <sup>9</sup> with three years standard Next Business Day (NBD), onsite parts replacement and three years NBD onsite <sup>3</sup> labor (US Only)
<b>Optional</b>	3-Year Same Business Day 4 hr On-site Service <sup>3</sup> – 5 days a week, M-F 10 hours a day (8-6PM) 3-Year Same Business Day 4 hr On-site Service <sup>3</sup> – 7 days a week, 24 hours a day 3 & 4-Year Gold Technical Support under local hours of operation 4-Year NBD On-site Service <sup>3</sup>

\*Additional offerings available mid-May.

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

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<sup>1</sup> Requires 64-bit operating system and application.

<sup>2</sup> The total amount of usable memory available will be less, depending on the actual system configuration. To utilize more than 4GB of memory requires a 64-bit OS.

<sup>3</sup> 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.

<sup>4</sup> For hard drives, GB means 1 billion bytes; actual capacity varies with preloaded material and operating environment and will be less.

<sup>5</sup> 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.

<sup>6</sup> Certain system components may differ from the retail version.

<sup>7</sup> Discs burned with this drive may not be compatible with some existing drives and players; using DVD+R media provides maximum compatibility.

<sup>8</sup> For writable storage devices, MB means 1 million bytes; total accessible capacity varies depending on operating environment.

<sup>9</sup> 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](http://www.dell.com/us/en/gen/misc/policy_010_policy.htm).

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