Introducing the Dell Precision™ 490 workstation, a productivity machine where lightning-fast 64-bit multi-core Intel® Xeon® processors, impressive graphics, and exceptional memory capacity work together in a flexible and innovative compact chassis to deliver performance, scalability and flexibility.

**Big Performance. Small Footprint.**
Looking for a high-end workstation that delivers groundbreaking performance and exceptional processing power to space-constrained environments? Then look no further. Developed in close collaboration with hardware and software partners, the Dell Precision 490 workstation combines a flexible, compact chassis and intelligent power management to deliver an ideal solution for financial trading floors, performance clusters, render farms and other crowded, power-sensitive environments. Optimized for performance, reliability and scalability in environments where space is at a premium, the Dell Precision 490 lets you power through complex tasks and complete your projects faster than the previous generation.

- New 64-bit quad-core Intel Xeon processors can deliver big performance gains over the current Intel dual-core processors when running multiple single-threaded applications simultaneously (multi-tasking) and for individual applications which can take advantage of up to eight cores (multi-threaded).
- Up to 32GB DDR2 fully buffered DIMM ECC memory, plus up to 5x more memory bandwidth over dual-channel memory with quad channel memory architecture,
- Latest SAS (Serial attached SCSI) hard disk storage delivers up to 50% higher performance than SATA 10K drives.
- A flexible dual-orientation chassis, with added slots for expandability.

**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 with optional dual monitor capability.

**Optimal Scalability in a Compact Chassis**
With additional DIMM slots to expand memory capacity up to 32GB, and an innovative chassis designed for flexibility, the Dell Precision 490 provides a highly scalable, cost-effective architecture with performance capabilities that can fundamentally change the way you work.

If you’re looking to optimize efficiency and power usage with a platform designed to support higher performing, low wattage multi-core Intel Xeon processors today and into the future, the Dell Precision 490 is the ultimate choice. And 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 optimized performance in demanding workstation environments. And, 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 optimization and support, should you need it.

GET MORE PERFORMANCE AND FLEXIBILITY. GET MORE OUT OF NOW.

www.dell.com/workstations
NOTE: Some applications and peripherals are not compatible with a 64-bit operating system environment. Be sure to verify with all your current application vendors that your full application suite is compatible before purchasing a Dell Precision workstation with a 64-bit operating system.

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.

Quad-core performance gains over dual-core based on the SPEC CPU2000 rate 8 int and fp benchmark tests performed by Dell Labs in October 2006 on the Dell Precision 690 with two Intel Xeon 5100 series processors with quad-core, 2 x 4MB shared L2 cache and 1066Mhz FSB, 4GB DDR2 533 ECC FB memory, NVIDIA Quadro® FX 3800, ATI FireGL E7500; NVIDIA Quadro® FX5900; ATI FireGL™ V7400; NVIDIA Quadro® NVS 285; All graphics cards support dual monitor configurations.

The total amount of available memory will be less and depends on the actual system configuration. To fully utilize 4GB or more of memory requires a 64-bit enabled processor and 64-bit operating system. Dell systems must be configured with a minimum of 32MB system memory (RAM) for "Windows Vista Capable" designation. Systems which meet only minimum requirements for the Windows Vista Capable designation will not provide the full benefits of "Premium Ready," including the Aero interface. Some Dell systems may not meet the requirements for "Premium Ready," no matter the configuration. Aero and other premium benefits not available with Windows Vista Home Basic. Please visit www.windowsvista.com/getready for more information.

For hard drives, one GB means 1 billion bytes and one TB equals one trillion bytes; actual capacity varies with preloaded material and operating environment and will be less. 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. 9 DVD-Rom drives may have write-capable hardware that has been disabled via firmware modifications. 10 Disks burned with this drive may not be compatible with some existing drives and players; using DVD+R media provides maximum compatibility. 11 DVD-ROM drives are limited to 535Kbps. Upload speeds are less (about 300Kbps). Speeds can vary by line condition and modem manufacturer. 12 Download speeds are limited to 53Kbps. Upload speeds are less (about 30Kbps). Speeds can vary by line condition and modem manufacturer. 13 Based on currently available information from Microsoft. Requirements subject to change. Windows Vista has not been tested on all user configurations, and may not be compatible with some hardware devices and other software. 14 Based on a comparison of the Dell Precision 470 memory bandwidth of 6.4GB/sec, versus the Dell Precision 490 memory bandwidth of 32GB/sec. All graphics cards support dual monitor configurations.

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