Exceptional Engineering Design, Analysis and Content Creation

Develop richly textured, realistic CAD models, view large designs and multi-part assemblies or create stunning 3D animations on a tightly integrated machine that boasts ultra-high performance graphics, a bright 17” display and high speed DDR2 memory. From the design lab to the studio or shop floor, or anywhere in between, the Dell Precision M90 provides superior workstation performance in a true mobile platform to enable you to run complex applications reliably.

New Workstation Technologies Deliver Great Performance

Expand your creative potential with new 64-bit Intel® Core™2 Duo processors, based on the same revolutionary Intel® Core™ microarchitecture available today in Dell Precision 390, 490 and 690 workstations. Intel Core microarchitecture provides wider pipelines, deeper memory buffers and faster instruction processing than previous Intel mobile microarchitectures. These and other features help enable Intel Core 2 Duo processors to deliver increased processor performance — up to 30% performance gain in compute performance1 — at the same price points as Intel Core Duo processors.

A key advantage of 64-bit computing through a 64-bit capable processor and operating system for the mobile workstation user is access to more memory. While Dell Precision mobile workstations support up to a maximum of 4GB of physical memory, 64-bit computing permits you to work with large models and data sets in virtual memory today, and prepares you to run 64-bit software applications as they become available.

The M90 also features blazing NVIDIA Quadro® FX OpenGL graphics including the new Quadro FX 3500M, engineered to deliver unprecedented performance for accelerated workflow and shortened design cycles for CAD, digital content creation, and scientific visualization. Plus, you’ll gain secure notebook mobility and reassurance from a comprehensive suite of certifications.

Dell Precision mobile workstations, like all Dell portables, are built tough — with features like Mag-Alloy casings and a high degree of durability that you can rely on, day in and day out. In addition, the Dell Precision M90 features a high degree of connectivity through Wi-Fi® and Bluetooth® options and broadband capability2 to help ensure that you can get connected when you need to. Ironclad security features help ensure you can work with peace-of-mind.

Work with Confidence

Dell partners with leading Independent Software Vendors (ISVs) to certify system and application compatibility so that your applications can run gracefully on Dell Precision workstations. Through rigorous testing, Dell also targets flawless compatibility and optimized performance in demanding work environments such as computer aided design and engineering, digital content creation and urban planning, which helps make the M90 a viable platform for use as a primary workstation.
Up to 30% performance gain in compute performance based on Spec2000 Integer Base benchmark tests performed by Dell Labs in August 2006 on the Dell Precision M90 with Intel® Core™2 Duo T7400 and T7600 processors as compared to the Dell Precision M90 with Intel Core Duo T2600 and T2700 processors. All systems had 2GB DDR2 memory, NVIDIA Quadro FX 2500M OpenGl graphics, 100GB SATA 5400 RPM hard drive and Microsoft Windows XP Pro SP2. Actual performance will vary based on configuration, usage and manufacturing variability. 2 You must be a Cingular subscriber. Actual connectivity is subject to wireless service provider's coverage area and may be affected by equipment, topography, signal strength, environmental considerations, and other factors. Service may vary significantly within buildings. Dell does not guarantee coverage. 3 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. Dell systems must be configured with a minimum of 512MB 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 devices and other software. Dell systems must be configured with a minimum of 512MB 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...