THE DELL PRECISION™ M4400

The Dell Precision™ M4400 Mobile Workstation, a powerhouse of productivity, unites lightning-fast Intel® Core™2 Duo Processors with stunning NVIDIA® OpenGL® graphics technology in a slim 15.4″ chassis to deliver the ideal balance of reliable, certified application performance and mobility.

IT'S NOT JUST DESIGNED TO MEET YOUR NEEDS — IT'S DESIGNED TO EXCEED YOUR EXPECTATIONS

The Dell Precision M4400 features the next-generation NVIDIA Quadro® FX 770M and FX 1700M[7] Graphics Processors with 512MB of dedicated graphics memory.[9] This highly advanced new mobile workstation is designed to deliver excellent graphical performance with great mobility for running complex professional applications. It is a certified mobile workstation that will manipulate complex, creative designs with ease. The M4400 brings high-end mobile workstation performance to the 15.4″ world with a stunning, high-resolution, bright display that will spring your creative work to life.
Work at the speed of thought.

- Number-crunching horsepower with next generation Intel Core 2 Duo Processors and Intel Core 2 Duo Extreme Edition Quad-Core Processors

- Up to 8GB[1] of high bandwidth dual-channel 800MHz memory

- Data security options with Intel® Rapid Recover Technology

- High-performance storage with optional Ultra Performance Solid State Drives

Taking advantage of the Intel® PM45 chipset with Intel® Centrino® 2 vPro™ technology enables excellent system management and mobile connectivity. All of this in a mobile workstation starting at just 5.92 lb.[2] (2.69kg.) helps deliver stunning performance in a mobile package.

COMPATIBLE AND ROBUST

The latest Dell Precision Mobile Workstations are part of the Dell E-Family product line. The Dell Precision Mobile Workstations are compatible with all E-Family accessories, including port replicators, notebook stands, display and monitor stands, and external storage modules. The E-Family product line also offers DisplayPort technology, allowing the user to connect to a variety of different display devices with a single DisplayPort. The Dell Precision product line is built tough with Magnesium-alloy chassis and display backs that meet rigorous standards for durability. Optional features include fingerprint reader, camera, microphone, solid state drives, and modem.

PEACE OF MIND THROUGH ISV APPLICATION CERTIFICATION

Dell is the world's leading mobile workststion vendor[6] and partners with strategic 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 guaranteed compatibility and optimized performance in demanding work environments such as Computer Aided Design (CAD), engineering, and architecture, making the M4400 a perfect platform for demanding workstation users who need to be mobile.

DELL PRECISION™ M4400 WORKSTATION – THE IDEAL PERFORMANCE AND MOBILITY BALANCE

System

Processors	Intel® Core™2 Duo and Intel Core 2 Duo Extreme Edition Processors with up to 1066MHz front side bus and up to 12MB shared cache. Up to X9100 (3.06GHz, 1066MHz, 6M L2 Cache) dual-core or high performance quad-core.
Chipset	Intel® PM45 Express Chipset.
Memory[9]	Dual-channel DDR2 800MHz SDRAM. Up to 8GB[1] dual-channel DDR2 800MHz SDRAM; DIMMs up to 4GB[1] at 800MHz.
Wide Aspect Display	Choice of Dell UltraSharp™ 15.4" WUXGA TrueLife™ RGBLED (1920x1200), Dell UltraSharp 15.4" WUXGA AntiGlare 2-CCFL (1920x1200), Dell UltraSharp 15.4" WXGA+ AntiGlare WLED (1440x990), or Dell UltraSharp 15.4" WXGA AntiGlare CCFL (1280x800).
Graphics[9]	NVIDIA® Quadro® FX 770M 512MB dedicated memory, or NVIDIA Quadro FX 1700M[7] 512MB dedicated memory[9].
Modem	Optional Internal 56K V.92 Modem.
Networking	Intel® 82567 Gigabit Ethernet Controller.
Wireless	A choice of one of the following: Dell Wireless 1397 802.11g Mini-Card, Dell Wireless 1510 802.11a/g/n/ Mini-Card, Intel Wireless 5100 802.11a/g/n Mini-Card, or Intel Wireless 5300 802.11a/g/n Mini-Card.
Bluetooth®	A choice of a Dell Wireless 370 Bluetooth Mini-Card or a Dell Wireless 410 BT +UWB Mini-Card.
Mobile Broadband[8]	Dell Wireless 5530 (HSDPA) Mini-Card, Dell Wireless 5720 (EVDO) Rev A. Availability varies by region.
Slots and Ports	54mm Express Card slot, PC Card Slot, E-Family docking connector, DisplayPort, VGA, 4 USB 2.0 including e-SATA, IEEE 1394, headphone/speaker out, RJ-11 and RJ-45.
Battery	6-cell/56WHr or 9-cell/85WHr Smart Lithium Ion battery featuring ExpressCharge™. Optional 84WHr Battery Slice.
Operating Systems	Genuine Windows Vista® Ultimate 32-bit and 64-bit; Genuine Windows Vista Business – 32Bit and 64Bit; Genuine Windows Vista Ultimate Downgrade, XP Professional and XP Professional x64 Edition; Genuine Windows Vista Business Downgrade, XP Professional and XP Professional x64 Edition; Red Hat® Enterprise Linux® WS v.5.1 64-bit Factory installed, Novell® SUSE/SLED Linux (China), FreeDOS.
Docking	E/APR, E/SPR, E/Legacy Port, E/View Notebook Stand, E/Monitor Stand.
Dimensions	358 x 257 x 27/33mm (14.1" x 10.1" x 1.0"/1.3").
Weight[2]	5.92 lb. (2.69kg.) with a 6-cell battery and optional solid state drive.
Warranty	3-Year Limited Warranty[4] with Next Business Day On-Site Service.[5]

Peripherals

Monitors	Performance flat-panel displays, Dell UltraSharp™ widescreen and standard flat-panel displays from 17" viewable to 30" viewable.
Keyboard	Dell Enhanced QuietKey USB; Enhanced Multimedia USB; Smart Card keyboard USB.
Mouse	Dell USB two-button mouse and Dell USB optical two-button scroll mouse.
Optional Speakers	Internal chassis speaker; Dell two- and three-piece stereo system; Dell sound bar for all flat-panel displays.

Storage Devices

Optional Removable Storage	CD-RW/DVD Combo, DVD-ROM, DVD+/-RW, USB Floppy Drive, USB media card reader.
Hard Drives[3]	SATA Solid State HDD 2.5mm; Ultra Performance 32GB & 64GB; SATA 7200RPM: up to 320GB; SATA 5400RPM: up to 500GB; e-SATA connection enables Intel® Rapid Recover Technology when used in conjunction with an external SATA drive.

Security

	Integrated Smart Card reader, Contactless Smart Card reader (optional), Trusted Platform Module 1.2 (TPM 1.2); Chassis intrusion switch; Setup/BIOS Password; I/O Interface Security, optional UPEK® or FIPS fingerprint reader.

Environmantal & Regulatory

Standards	Energy Star®, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA 99, SABBS, SASO, TUV, UL, VCCI, USB 2.0, WEEE, EPEAT.
Lead Free	Environmentally conscious design is RoHS Compliant/Lead Free.

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