

# THE DELL PRECISION™ M2400



The Dell Precision™ M2400 Mobile Workstation, a highly portable powerhouse of productivity, unites lightning-fast Intel® Core™2 Processors with outstanding 256MB<sup>1</sup> certified OpenGL® graphics technology in a brand new 14.1" chassis to deliver outstanding mobility and reliable, certified application performance.

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

*Light. Fast. Smart.*

The Dell Precision M2400, part of the Dell E-Family notebook line, features the next-generation NVIDIA® Quadro® FX 370M Graphics processor with 256MB<sup>1</sup> of dedicated graphics memory. This revolutionary new mobile workstation is designed to deliver excellent graphical performance and extreme mobility for running advanced professional applications. This certified mobile workstation will allow the end user to manipulate CAD graphical rendering applications with ease.

The M2400 is over 0.5 lb. (over 0.225kg) lighter than its predecessor as a result of advanced design techniques and components used in the E-Family.

Combined with a low-power-consuming, high resolution WXGA+ WLED display, the M2400 delivers premium front-of-screen experience in a 14.1" workstation.

- Support for next generation Intel® 1066MHz FSB Processors designed to deliver outstanding performance up to T9600 (2.8GHz 6MB L2 Cache)
- High bandwidth dual-channel 800MHz memory<sup>1</sup> with 36-bit addressing up to 8GB<sup>2</sup>
- Intel® Rapid Recover Technology

## **OUTSTANDING PERFORMANCE**

The Dell Precision M2400 can be configured with Intel® Core™2 Processors and up to 8GB<sup>2</sup> of system memory<sup>1</sup> for crunching through intensive applications with ease. Taking advantage of the Intel® PM45 chipset with Centrino® 2 vPro™ technology enables excellent system management and mobile connectivity. All of this in a platform starting at just 4.77 lbs.<sup>3</sup> (2.16kg) with LED panel, SSD, and 6-cell battery enables ultimate mobility and stunning performance.

## **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 tough with Magnesium-alloy chassis and display backs that are designed for durability. Optional features include fingerprint reader, camera, microphone, and modem.

## **PEACE OF MIND THROUGH ISV APPLICATION CERTIFICATION**

Dell is the world's leading mobile workstation vendor<sup>4</sup> 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 system compatibility and optimized performance in demanding work environments such as Computer Aided Design (CAD), engineering, and architecture, making the M2400 a perfect platform for highly mobile workstation users.



<b>DELL PRECISION™ M2400 MOBILE WORKSTATION - POWERFUL PERFORMANCE, MAXIMUM MOBILITY</b>	
<b>System</b>	
<b>Processors</b>	Intel® Core™2 Duo Series Processors with up to 1066MHz front side bus and 6MB shared cache. Up to T9600 (2.8GHz, 1066MHz, 6M L2 Cache).
<b>Chipset</b>	Intel® PM45 Express Chipset.
<b>Memory<sup>1</sup></b>	Dual-channel DDR2 800MHz SDRAM. Up to 8GB <sup>2</sup> dual-channel DDR2 800MHz SDRAM; DIMMs up to 4GB <sup>2</sup> at 800MHz.
<b>Wide Aspect Display</b>	Dell UltraSharp™ 14.1" WXGA+ LED AntiGlare (1440x900) or Dell UltraSharp 14.1" WXGA CCFL AntiGlare (1280x800).
<b>Graphics<sup>1</sup></b>	NVIDIA® Quadro® FX 370M 256MB Dedicated Memory.
<b>Hard Drives<sup>5</sup></b>	SATA Solid State HDD 2.5mm; Ultra Performance 32GB & 64GB; SATA 7200RPM: Up to 320GB; SATA 5400RPM: Up to 500GB.
<b>Optical Drives</b>	9.5mm Module Bay: 8X DVD+/-RW, 24X DVD/CD-RW, 8X DVD-ROM.
<b>Modem</b>	Optional Internal 56K V.92 Modem.
<b>Networking</b>	Intel® 82567 Gigabit Ethernet Controller.
<b>Wireless</b>	A choice of one of the following: Dell Wireless 1397 802.11g Mini-Card, Dell Wireless 1510 802.11a/g/Draft-n Mini-Card, Intel Wireless 5100 802.11a/g/Draft-n Mini-Card or Intel Wireless 5300 802.11a/g/Draft-n Mini-Card.
<b>Bluetooth®</b>	A choice of either a Dell Wireless 370 Bluetooth® Mini-Card or (U.S. only) Dell Wireless 410 BT +UWB Mini-Card.
<b>Mobile Broadband<sup>6</sup></b>	Dell Wireless 5530 (HSDPA) Mini-Card, Dell Wireless 5720 (EVDO) Rev A. Availability varies by region.
<b>Security</b>	Integrated Smart Card reader, Contactless Smart Card reader, and security lock slot, TPM 1.2 support, optional UPEK® fingerprint reader.
<b>Slots and Ports</b>	54mm Express 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.
<b>Battery</b>	6-cell/56Whr or 9-cell/85Whr Smart Lithium Ion battery featuring ExpressCharge™. Optional 84Whr Battery Slice.
<b>Operating Systems</b>	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.
<b>Docking</b>	E/APR, E/SPR, E/Legacy Port, E/View Notebook Stand, E/Monitor Stand.
<b>Dimensions</b>	26.3 - 31.9mm x 335mm x 243.9mm (1.0 - 1.25" x 13.2" x 9.6").
<b>Weight</b>	Starting at 4.77 lb. <sup>3</sup> (2.16 kg) with LED panel, 2.5" thin SSD Drive and 6-cell battery.
<b>Peripherals</b>	
<b>Monitors</b>	Performance flat-panel displays, Dell UltraSharp™ widescreen and standard flat-panel displays from 17" viewable to 30" viewable; Analog flat-panel displays and CRT monitors also available.
<b>Keyboard</b>	Dell Enhanced QuietKey USB; Enhanced Multimedia USB; Smart Card keyboard USB.
<b>Mouse</b>	Dell USB two-button mouse and Dell USB optical two-button scroll mouse.
<b>Optional Speakers</b>	Internal chassis speaker; Dell two- and three-piece stereo system; Dell sound bar for all flat-panel displays.
<b>Storage Devices</b>	
<b>Optional Removable Storage</b>	CD-RW/DVD Combo, DVD-ROM, DVD+/-RW, 1.8" HDD, USB Floppy Drive, USB media card reader.
<b>Optional Modem</b>	Dell 56K v.92 Data/Fax PCI modem.
<b>Security</b>	
	Software: Trusted Platform Module 1.2 (where available); Setup/BIOS Password; I/O Interface Security Hardware: Kensington® Lock.
<b>Environmental &amp; Regulatory</b>	
<b>Standards</b>	EPEAT Gold, Energy Star®, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA 99, SABBS, SASO, TUV, UL, VCCI, USB 2.0, WEEE
<b>Lead Free</b>	Environmentally conscious design is RoHS Compliant/Lead Free.
<b>Service &amp; Support</b>	
	Base: 3-Year Limited Warranty <sup>7</sup> with 3 years standard Next Business Day (NBD) On-site <sup>8</sup> parts replacement and 3 years NBD On-site Service <sup>8</sup> Recommended: Dell ProSupport is designed to rapidly respond to your business needs, protect your investment and sensitive data, and provide enhanced proactive support services to help reduce risk and complexity within your IT environment.

## SIMPLIFY YOUR WORKSTATION AT [DELL.COM/Precision](http://DELL.COM/Precision)

1. Significant system memory may be used to support graphics, depending on system memory size and other factors.
2. Up to 1GB may not be available with 32-bit operating systems due to system resource requirements.
3. Dell Precision M2400 Weight: Preliminary starting weight with LED panel, 2.5" thin SSD Drive and 6-cell battery is 4.77lbs (2.16kg). Weights vary depending on configurations and manufacturing variability
4. Source: IDC Worldwide Quarterly Workstation Tracker, May 2008.
5. For hard drives, GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.
6. Subject to wireless provider's broadband subscription and coverage area; additional charges apply.
7. For a copy of limited warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or visit [www.dell.com/warranty](http://www.dell.com/warranty).
8. May be provided by third-party. Technician dispatched, if necessary, following phone-based troubleshooting. Availability varies. See [dell.com/servicecontracts](http://dell.com/servicecontracts) for details.

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