Dell Precision M6500

What if your mobile workstation was designed for your most demanding applications?

What if your laptop could liberate you from your desk, without compromising performance, enabling you to conduct critical tasks wherever, whenever you wanted?

What if your mobile workstations were as manageable, secure and serviceable as your other commercial clients?

Unparalleled performance

Where other mobile workstations start to fade is just where the Dell Precision™ M6500 comes into its own. With specifications that even some desktop workstations might struggle to deliver, the flagship mobile workstation from Dell is ideal, even for the most demanding user.

Optional Intel® Core i7 Extreme Edition Quad-Core processing power, working in harmony with 1600MHz DDR3 memory, is backed by stunning ATI FirePro™ or NVIDIA® Quadro® FX graphics to support your creativity and talent. Designed to be a workstation, the Dell Precision M6500 has the performance headroom to deliver the certified ISV application interactivity levels you expect from Dell Precision.

Application empowering

As one of the world's leading workstation vendors, Dell 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), animation, engineering and architecture, making the Dell Precision M6500 an exceptional platform for extremely demanding workstation users who need to be mobile.

Massive scalability

Dell Precision M6500 raw performance needs to be matched with the ability to manage huge amounts of data. The Dell Precision M6500 enables memory scalability up to 32GB thanks to support for four memory DIMM slots. With two dedicated hard drive bays and an additional SSD mini-card the storage capacity can scale up to over 1 Terabyte and can be configured in RAID 0 or 1 mode to operate with high performance and redundancy.

The mobile workstation's numerous options give you the flexibility you need to configure the system the way you want. Optional RGB LED edge-to-edge 17" screen with 100% Adobe® user selectable color gamut support, optional 3.2MP camera, multi-touch touchpad with jog shuttle, and many more features allow you to operate your workstation as you dream.

Total control of ownership

Dell Precision Mobile Workstations are part of the Dell™ E-Family product line. They are compatible with E-Family accessories, including port replicators, notebook stands, display and monitor stands and external storage modules.

Equipped with TruManage technology and delivered with Dell ControlPoint™ to help manage your mobile workstation and lower your TCO, the new Dell Precision M6500 embeds also Dell ControlVault security, FIPS fingerprint reader and optional contactless smart card reader. A very comprehensive offering which helps strengthen and simplifies security.

Dell Services, such as Dell ImageDirect, CFI, Dell ProSupport or lifecycle services, are also available on Dell Precision mobile workstations, making these systems easy to manage, support and deploy.

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Dell Precision M6500 is the world's most powerful mobile workstation and Dell's most expandable laptop with four memory slots and optional mini-card storage

Feature	Dell Precision M6500 Technical Specifications
Processors	Intel® Core™ i7 Extreme Edition Quad-Core, Core i7 Quad-Core or the Core i7 & i5 Dual-Core Processors
Operating System	Genuine Windows Vista® Ultimate 32-bit Genuine Windows Vista Ultimate 64-bit Genuine Windows Vista Business 32-bit Genuine Windows Vista Business 64-bit Genuine Windows® 7 Ultimate 32-bit Genuine Windows 7 Ultimate 64-bit Genuine Windows 7 Professional 32-bit Genuine Windows 7 Professional 64-bit Genuine Windows® XP Professional available via downgrade rights Genuine Windows XP Professional x64 Edition available via downgrade rights Red Hat® Linux 64-bit
Displays	17" WXGA+ UltraSharp LED Display (1440x900) Resolution 17" WUXGA UltraSharp LED Display (1920x1200) Resolution 17" WUXGA RGB LED Back-Lit Display (1920x1200) Resolution 17" WUXGA RGB LED Edge-to-Edge Back-Lit Display (1920x1200) Resolution (Covet only)
Memory	Dual-Channel DDR3 Memory Available DIMM Slots: Four Memory slots offering up to 32GB[1] Memory Bandwidth: 1066MHz, 1333MHz and 1600MHz
Primary Storage	Support for one, two or three storages devices with optional RAID0 or RAID1 configuration 7200RPM Free Fall Sensor Hard Drive up to 500GB[2] 7200RPM FIPS encrypted FFS hard drive up to 250GB[2] Solid State Hard Drive up to 256GB[2] 64GB SSD Mini-Card
Optical Drives	DVD-ROM, DVD+/-RW slot load, Blu-ray
Graphics Cards	ATI FirePro™ M7820 Graphics with 1GB dedicated memory NVIDIA® Quadro® FX 2800M Graphics with 1GB dedicated memory NVIDIA Quadro FX 3800M Graphics with 1GB dedicated memory
Connectivity	**WLAN:** Bluetooth® 2.1 and Ultra-Wideband (UWB - selected countries only) Next Generation Mobile Broadband, with GPS **Wireless:** Dell Wireless 1501 802.11g 1x1Mini-Card Dell Wireless 1520 802.11 a/g/n 2x2 Mini-Card Intel Wireless 6200 802.11a/g/n 2x2 Mini-Card Intel Wireless 6300 802.11a/g/n 3x3 Mini-Card Intel WiMAX/WiFi 6250 16e and 2x2 802.11n **WWAN:** Dell Wireless 5620 HSPA - EVDO Rev A (selected countries only)
Security	**Physical Security:** Steel-reinforced Cable Lock Slots, Media Module and Hard Drive Locks **User & System Security:** Smart Card Reader and optional Contactless Smart Card Reader Fingerprint Reader (optional) FIPS Fingerprint Reader (optional) TPM 1.2 (where available) Wave Embassy Trust Suite **Network Security:** 802.11 WiFi® Protected Access (WPA), 802.11i (WPA2), Virtual Private Networks (VPN) 802.1x with EAP modes and compatible with CCX 4.0
Multimedia	Two speakers, optional dual-array microphones Optional 3.2MP camera
Expandability	**Slots:** 8-in-1 card reader; ExpressCard 54/34; PC Card **Docking:** Advanced E-Port, E-Port, Legacy Port Replicator, Ergo Flat Panel Stand, Basic Monitor Stand, E-View Notebook Stand **Modular Options:** E-Family modular media dock: DVD-ROM, DVD+/-RW
Chassis	Aluminum LCD back and base Dell Precision™ industrial design **Weight[3] & Dimensions:** Weight starting at: 8.42lbs/3.84kg with WXGA+ panel, DVD-ROM, 9-cell battery Width: 15.4"/393mm Depth: 11.0"/280.5mm Height: 1.35"/34.5mm(F), 1.5"/38.5mm(B) Ports: 1394 Powered 6-pin, VGA, Display Port, RJ-45, Audio, eSATA, USB 2.0 or USB 3.0 (x4 USB 2.0, 2x USB 2.0 and 2 USB 3.0 on systems featuring Quad-Core processors)
Power	210 Watt AC adapter 9-cell extended life primary batteries

Discover the Dell Precision M6500 mobile workstation.
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