

DELLTM PRECISIONTM M6300 MOBILE WORKSTATION



Create, analyze, design — anywhere. Engineered for maximum performance. Engineered for Maximum Performance. You've got talent. Get the workstation to match it.

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 our top-of-the-line mobile workstation 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 M6300 provides outstanding workstation performance in a true mobile platform designed to enable you to run complex applications reliably.

PROFESSIONAL WORKSTATION TECHNOLOGIES DELIVER GREAT PERFORMANCE

The Dell Precision M6300 features powerful 64-bit Intel® Core™ 2 Duo processors. This revolutionary new mobile workstation is designed for users who prioritize their visual experience and want a mobile platform as a primary workstation.

The Dell Precision M6300 also features NVIDIA® Quadro® FX OpenGL® graphics including the new Quadro FX 3600M, enabling you to take your graphics to the next level of interactivity.

These professional graphics cards can deliver impressive performance for accelerated workflow and shortened design cycles for CAD, digital content creation, and scientific visualization.

Dell Precision mobile workstations, like all Dell notebooks, 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 M6300 features a high degree of connectivity through Wi-Fi® and Bluetooth® options and broadband capability¹ to help ensure that you can get connected when you need to. Ironclad security features such as our optional fingerprint reader 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 M6300 a viable platform for use as a primary workstation.

DELL™ PRECISION™ M6300 MOBILE WORKSTATION	
System	
Processors	64-bit Intel® Core™ 2 Duo processors (dual-core), and Intel Core 2 Duo Extreme Edition processors Up to 6MB L2 Cache, 800MHz Front Side Bus Up to X7900 (2.8GHz)
Operating Systems	Genuine Windows Vista™ Ultimate (32-bit and 64-bit); Genuine Windows Vista™ Business (32-bit and 64-bit); Genuine Windows® XP Professional SP2 (32-bit and 64-bit); N series; RedHat Linux 5.1
Chipset	Intel® 965PM Express chipset
Memory	Up to 8 GB ² of DDR2 dual-channel memory ³ DIMMs up to 4 GB at 667MHz
Wide Aspect Displays	17" wide aspect ratio displays (anti-glare) - Dell UltraSharp™ WUXGA (1920 X 1200 resolution) with TrueLife Display option - Dell UltraSharp WXGA+ (1440 X 900 resolution)
OpenGL Graphics	NVIDIA Quadro® FX 3600M with 512 MB dedicated or FX1600M with 256 MB dedicated
Hard Drives	Serial ATA up to 500 GB ⁴ at 5400rpm; Serial ATA up to 250 GB at 7200rpm; up to 64 GB ⁴ Ultra Performance SSD, 120 GB ⁴ encrypted hard drive
Dimensions (HxWxD)	1.6" x 15.5" x 11.3" or 41 mm x 394 mm x 287 mm
Weight	8.5 lbs (3.8 kg) starting weight ⁵ with 9-cell battery, 17" WXGA+ display and DVD-ROM drive
Power	
Power Supply	130 Watt AC adapter with cord wrapping
Batteries	9-cell/85 WHr Smart Li-Ion battery featuring ExpressCharge™
Connectivity	
Wired	56 K v.92 Internal Modem; 10/100/1000 Gigabit Ethernet network interface adaptor
Wireless Broadband	Dell Wireless 5510 HSDPA card (AT&T) US
Wireless LAN	Dell 1505 Wireless 802.11a/g/Draft-n Dell 1490 Wireless 802.11a/g Intel® 4965 Pro/Wireless 802.11 a/g Draft-n Intel® 3945 Pro/Wireless 802.11 a/g
Bluetooth	Dell Wireless 360 Bluetooth®, Bluetooth2.0+EDR
Expandability	
ExpressCard	54mm Express Card Slot; supports both 54mm and 34mm Express Cards
I/O Ports	6 USB, DVI, VGA, S-video, IEEE 1394, RJ-11, RJ-45, 5-in-1 media card reader, headphone/speaker out
Docking	D/Port , D/Dock, D/Monitor Stand
Modular Options	8X DVD-ROM, 24X CD-RW/DVD, 8X DVD+/-RW, Blu-Ray™ Disc
USB Memory Keys	Up to 2 GB USB Memory Keys ⁶ (optional)
Security	
Physical Security	Steel-reinforced Cable Lock Slots, Media Module and Hard Drive locks
User & System Security	Integrated Smart Card Reader, Trusted Platform Module 1.2 and optional UPEK finger print reader, Wave® Embassy® Trust Suite security software
Network Security	802.11 Wi-Fi Protected Access (WPA), 802.11i (WPA2), Virtual Private Networks (VPN) and 802.1x with EAP modes, CCX V4.0
Manageability	
Dell™ OpenManage™	Helps reduce the total cost of ownership by enabling IT departments to manage and support networked systems. OpenManage enables software deployment and migration, hardware configuration and system health, asset management and remote support. For more information visit: www.dell.com/openmanage
Service & Support	
Service & Support	3-year Limited Warranty ⁷ with Next Business Day On-Site Service ⁸ . Service options vary by location

¹You must be an AT&T wireless broadband data subscriber. Actual connectivity is subject to wireless service provider's coverage area and may be affected by other factors such as topography and signal strength. Dell does not guarantee coverage. Additional charges will apply. ²The total amount of memory will be less, depending on actual system configuration. ³Significant system memory may be used to support graphics, depending on system memory size and other factors. ⁴For 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. With Dell Factory Image Restore installed, Windows Vista users will have 10 GB of their hard drive capacity set aside for a recovery image. ⁵Starting weight of 8.5 lbs (3.8kg) includes 17" WXGA+ display, 9-cell battery and DVD-Rom drive. Weights vary depending on configurations and manufacturing variability. ⁶For writeable storage devices, MB means 1 million bytes; total accessible capacity varies depending on operating environment. ⁷For a complete copy of our guarantees and limited warranties, please write Dell U.S.A. L.P., Attention: Warranties, One Dell Way, Round Rock, TX 78682. For more information, visit www.dell.com/warranty. ⁸May be provided by third party. Technician dispatched, if necessary, following phone-based troubleshooting. Availability varies. See dell.com/servicecontracts for details. Intel and Core are trademarks or registered trademarks of Intel Corporation. Microsoft, Windows and Windows Vista are trademarks or registered trademarks of Microsoft Corporation in the United States of America and/or other countries. NVIDIA and NVIDIA Quadro are registered trademarks of NVIDIA Corporation. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. February 2008.

SIMPLIFY PRODUCTIVITY AT DELL.COM/Workstations

