

Dell Precision™ M90 Mobile Workstation



The Dell Precision M90 mobile workstation can help graphics artists, animators and high-end CAD users maximize productivity through new levels of workstation performance.

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 and a bright new 17" display. 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 and obtain an exceptional visual experience with new Intel® Core™ Duo processors, up to 4GB* of high speed DDR2 memory, blazing NVIDIA® Quadro® FX OpenGL graphics up to 512MB and a high resolution 17-inch wide aspect display. And you'll gain secure notebook mobility plus 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 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.

Easy Integration into the Dell Scalable Enterprise

The M90's innovative new design, superb reliability and scalable security integrate easily into the Dell vision for the Scalable Enterprise, helping enterprise companies simplify operations, improve utilization and cost-effectively scale to meet future business requirements.



Dell Precision™ M90 Mobile Workstation
Image courtesy of Avid®

GET MORE PERFORMANCE AND VALUE. GET MORE OUT OF NOW.



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DELL ENTERPRISE SERVICES

By leveraging the proven advantages of our direct model, including tailored service and support, low cost and a single point of accountability, Dell Services can provide you with fast, effective, affordable service offerings at any point in your IT process. By doing so, we offer a combination of bundled best practices and tailored solutions that work together to provide maximum value to you. Whether you need support, deployment, training and certification programs, or professional consulting services, individually or bundled as a total package, Dell promises to be your single point of accountability at all times.

Professional Services

Dell Professional Services enables Dell customers to optimize ROI by leveraging complex technology through the design, development and deployment of innovative, robust and scalable business-critical solutions. With each engagement, we utilize our proven methodology and project management expertise to understand your business objectives, design plans that are flexible to adapt to your current environment and then deliver the desired results.

Deployment Services

We bring you deployment assistance that delivers true value from beginning to end. Dell can tailor systems to our customers' specifications by customizing the hardware and software configuration during the initial system-build to reduce redundancy and time. We can manage the delivery, installation and disposal of your assets with the same eye for efficiency.

Training and Certification

Our approach to Training and Certification allows you to outsmart your competitors—not outspend them—with industry-standard learning across Dell hardware and industry-standard software. Dell can assist you wherever you need us, whether on-site, online or in a classroom setting, to help your organization take full advantage of information technology.

Enterprise Support Services

Technology is a significant investment, and it pays to have a partner who can help you minimize costly downtime. Through our Premier Enterprise Support Services (PESS) offerings, Dell provides tiered support service packages with the flexibility to customize the offering to meet your specific needs across a wide range of computing environments. With proactive and reactive support options which include hardware and software support with varied response levels, account management and remote resolution, Dell provides support solutions that meet your needs, cost-effectively.

Services vary by region. For more information on the available services in your area, please visit www.dell.com

SYSTEM	DESCRIPTION
Processors	Intel® Core™ Duo processors (dual-core) 2MB L2 Cache, 667MHz Front Side Bus Up to T2600 (2.16GHz speed)
Operating System	Microsoft® Windows® XP Professional SP2 Dell recommends Microsoft® Windows® XP Professional for Business
Chipset	Intel® 945PM Express chipset
Memory	Up to 4GB* of DDR2 dual-channel* memory DIMMs up to 2GB at 667MHz
Wide Aspect Displays	17" wide aspect ratio displays (anti-glare) - Dell UltraSharp™ WUXGA (1920 X 1200 resolution) - WXGA+ (1440 X 900 resolution)
Graphics	NVIDIA® Quadro® FX 1500M with 256MB dedicated graphics memory NVIDIA® Quadro® FX 2500M with 512MB dedicated graphics memory Both are OpenGL PCI Express GPUs
Hard Disk Drives	Serial ATA hard drives, up to 120GB* (5400 RPM) and 100GB (7200RPM)
Modular Bay	24X CD-ROM , 8X DVD-ROM, 24X CD-RW/DVD, 8X DVD+/-RW*
Modem	Internal 56K* V.92 modem
Networking	Internal 10/100/1000* network interface controller
Wireless	Dell Wireless 1390 802.11g Mini-card Dell Wireless 1490 802.11a/g Dual band Mini-card Intel® 3945 802.11a/g Dual band Mini-card Dell Wireless 350 Bluetooth®
Security	Integrated Smart Card reader and security lock slot TPM 1.2 support
Slots & Ports	5x1 media card reader, Express Card port, Docking connector, 6 USB 2.0, IEEE 1394, DVI, VGA, S-video, headphone/speaker out, Mic in, infrared port, RJ-11, RJ-45, AC power
Battery	9-cell/85 WHr Smart Li-Ion battery featuring ExpressCharge™
Docking Stations and Port Replicators	D-Family Advanced Port Replicator D-Family Docking Station D/Monitor Stand
Dimensions (HxWxD)	1.6" x 15.5" x 11.3" or 41 mm x 394 mm x 288 mm
Weight	8.6 lbs or 3.9 kg starting weight (with CD-ROM drive) (actual weights depend on configuration and manufacturing variability)
Warranty	3-year Limited Warranty* with Next Business Day On-Site Service*

4GB memory: The total amount of usable memory available will be less depending on the actual system configuration.

Dual-channel memory: Dual-channel memory requires 2 each of the same capacity memory DIMMs.

Hard drive size: For hard drives, GB means 1 billion bytes; total accessible capacity varies depending on operating environment.

DVD+/-RW drives: Discs burned with this drive may not be compatible with some existing drives and players; using DVD+R media provides maximum compatibility.

Gigabit Ethernet: This term does not connote an actual operating speed of 1 Gb/sec. For high speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.

Modem Speed: Modem download speeds are limited to 53Kbps. Upload speeds are less (about 30Kbps). Speeds can vary by line condition and modem manufacturer. Analog phone line and service required.

M90 starting weight: Starting weight of 8.6 lbs (3.9 kg) is preliminary and includes 17" WXGA+ display, 9-cell battery and CD-ROM drive. Weights vary depending on configurations and manufacturing variability.

On site service: Service may be provided by third-party. Technician will be dispatched if necessary following phone-based troubleshooting. Subject to parts availability, geographical restrictions and terms of service contract. Service timing dependent upon time of day call placed to Dell. U.S. only.

Dell Guarantees & Warranties: For a copy of our guarantees or limited warranties, please write Dell USA L.P., Attn: Warranties, One Dell Way, Round Rock, TX 78682. For more information, visit www.dell.com/warranty.

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