Dell Precision Workstations

Precision is the key element that separates greatness from everything else. Dell Precision is your key tool whether your job requires you to design digital content, work with CAD models, analyze manufacturing processes or any other performance intensive application. Our workstation-class products offer superb performance, innovative smart design and ISV certified dependability to maximize your productivity and reliability.

Meet the Dell Precision M6700

The M6700 is the world's most powerful 17” mobile workstation, with the performance, battery life and storage for demanding work environments.

Superb Performance

Sacrifice nothing. The Dell Precision M6700 combines laptop mobility and workstation-class performance into a dependable, highly agile system that brings your projects to life with:

• 3rd Generation Intel® Core™ i5 and i7 processor options up to Extreme Edition
• AMD FirePro and NVIDIA Quadro graphics options enable you to run high-end graphics for all of your professional needs, from rendering to modeling complex simulations.
• Expansive DDR3 memory with four DIMM slots for up to 32GB 1, 2 of 1600MHz memory or up to 16GB 1, 2 of 1866MHz memory for blistering performance
• Big jobs require big storage, and the Dell Precision M6700 offers hard drive space to spare, with large drive options, Mini Card and RAID options, plus the flexibility to add even more storage with an optional optical bay module.
• Keep it cool and make it last. Quiet-running dual fans can help increase component longevity and extend battery life.

Innovative Smart Design

Work smarter with state-of-the-art design and intuitive purpose driven features. No matter where your work takes you the Dell Precision M6700 provides superb mobility and functionality:

• Stand out from the crowd with the M6700 Covet Edition featuring edge-to-edge Corning® Gorilla® Glass 2 display and brilliant Phoenix Red signature color
• 100% BFR/PVC free 10, ENERGY STAR 5.2 qualified and EPEAT registered11 to offer you our most environmentally responsible mobile workstation product yet
• Astonishing 17.3” display options provide accurate color reproduction and brilliant images. The Dell UltraSharp™ IPS RGBLED display with PremierColor technology offers 100% Adobe RGB color gamut for the utmost in color precision
• Bring your content to life with the optional NVIDIA 3D Vision® Pro solution that provides true to life 3D visualization

Certified Dependability

Designed for professionals who demand strength and reliability, the M6700 is built for a long life of dependable service with:

• Up to 20 hours of battery life, the longest of any 17” mobile workstation, when equipped with 9-cell battery, optional slice battery and NVIDIA® Optimus™ enabled14
• NVIDIA® Optimus™ technology which provides graphics performance when you need it and can help extend battery life when you don’t
• ISV (Independent Software Vendor) certification to help ensure reliability for demanding applications
• Designed durable with a light yet strong magnesium alloy structure clad in sleek, rigid, anodized aluminum and MIL-STD-810G tested for extreme temperatures, humidity, vibration, dust, altitude and shock
• When security is key Dell has you covered with FIPS certified fingerprint readers, FIPS certified self encrypting drives and Dell Data Protection | Encryption
• Quickly remove your primary hard drive with the tool free easy eject drive bay

Beyond-Your-Expectations Service

Rest assured that your Dell Precision workstation will be well covered should an issue arise. Responsive service and technicians can get you up and running quickly and help you stay productive.

• Optional Dell Configuration Services incorporates hardware, images, applications, peripherals and documents with your system as it's built to help simplify and speed up deployment, while improving consistency and compatibility.
• Dell’s premium support service, ProSupport3, features 24/7 direct phone access to advanced-level technicians based in your region to end downtime and resolve problems quickly.
• ProSupport’s Collaborative Support feature provides assistance even if you have a problem with non-Dell hardware or software. We will leverage our relationships with over 75 top third-party vendors to act as your single point of contact to help resolve your issue.
Dell Precision M6700 Technical Specifications

**Processors**
- 3rd generation Intel® Core™ i5 and i7 processors, up to Core i7 Extreme Edition, with Intel vPro™ advanced management; smart security and manageability on every chip.

**Operating Systems**
- Windows® 8 Pro (64-Bit)
- Genuine Windows® 7 Ultimate (32-Bit or 64-Bit); Genuine Windows® 7 Professional (32-Bit or 64-Bit)
- Red Hat® Enterprise Linux® version 6 (select regions)

**Chipset**
- Mobile Intel® QM77 Express

**Memory**
- 4 DIMM slots: up to 32GB 1600MHz; or up to 16GB 1866MHz memory

**Graphics Options**
- AMD FirePro™ M6000 Mobility Pro with 2GB GDDR5 dedicated memory
- NVIDIA Quadro K3000M with 2GB GDDR5 dedicated memory
- NVIDIA Quadro K4000M with 4GB GDDR5 dedicated memory
- NVIDIA Quadro K5000M with 4GB GDDR5 dedicated memory

**Display Options**
- 17.3” HD+(1600x900): anti-glare, LED-backlit with Premium Panel Guarantee
- 17.3” FHD(1920x1080): Dell UltraSharp™, wide view, anti-glare, LED-backlit, Premium Panel Guarantee
- 17.3” FHD(1920x1080): Dell UltraSharp™, wide view, 3D Vision Pro LED-backlit, Premium Panel Guarantee
- 17.3” FHD(1920x1080): Dell UltraSharp™, with PremierColor technology, IPS, wide view, anti-glare, LED-backlit, 100% Adobe RGB Color Gamut, Premium Panel Guarantee

**Storage Options**
- Support for four storage devices: one 2.5” drive in easy eject drive bay; one 2.5” drive in internal bay; one 2.5” in optical bay caddy;
- one solid state Mini-Card; Dell Fast Response Free Fall Sensor standard
- 7200rpm SATA 3Gb/s hard drive from 320GB up to 750GB; 7200rpm 320GB FIPS Certified Self Encrypting Drive
- 5G (Solid state drive) from 128GB to 512GB SATA 6Gb/s
- 128GB or 256GB Solid State Mini-Card secondary storage device

**Communication Options**
- Wired: Integrated Intel 82579MV/10/100/1000 Gigabit Ethernet
- Wireless LAN:
  - Intel Centrino® Ultimate-N 6300 (802.11n 3x3 half Mini-Card)
  - Intel Centrino® Advanced-N 6205 (802.11n 2x2 half Mini-Card)
  - Dell Wireless 1540 (802.11n/a dual band, high speed Wi-Fi half Mini-Card)
  - Dell Wireless 1504 (802.11g/n single band Wi-Fi half Mini-Card)

**Multimedia**
- Dual integrated high quality speakers and dual integrated noise cancelling digital array microphones standard
- Optional, integrated, light sensitive HD video webcam with Dell Webcam Central software

**Optical Drive**
- DVD-ROM; Slot load DVD+/-RW; Blu-ray Disc™ writer; Optical bay caddy for additional hard drive or solid state drive

**Standard I/O Ports**

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<td>1 - Headphone</td>
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<tr>
<td>1 - 10-in-1 media card reader</td>
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<td>1 - SmartCard reader (optional)</td>
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<tr>
<td>1 - 54mm ExpressCard slot</td>
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**Battery Options**
- 9-cell (97Wh) with ExpressCharge™: 9-cell (87Wh) 3 Year Limited Hardware Warranty:
- 9-cell (77Wh) Extended battery slice

**Input**
- Full size keyboard with number pad protected by an anti-microbial coating standard; backlit optional
- Multi-touch touchpad with three buttons; track stick with three buttons

**Docking Options**
- Port Replicators:
  - E-Port Plus port replicator; Simple E-Port port replicator; E-Legacy Extender legacy port replicator
  - Stands: E-View Laptop Stand; E-Series Basic Monitor Stand; E-Series Flat Panel Monitor Stand

**Security Options**
- Lock slot; Trusted Platform Module 1.2 (TPM 1.2); Setup/BIOS Password; I/O Interface Security; Intel Anti-Theft Protection (iATP); Port Replicators:
- Mobile Broadband & GPS:
  - Dell Wireless™ DW5560 Multi-mode HSPA-EVDO Mini-Card (Gobi™ SQ) with A-GPS
  - Dell Wireless™ DW5560 Single-mode HSPA+ Mini-Card with A-GPS
  - Bluetooth: Dell Wireless 380 Bluetooth® 4.0

**Environmental and Regulatory**
- Limited Hardware Warranty:
  - Standard 3-year Next Business Day On Site Service after Remote Diagnosis
  - Optional 3-year Dell ProSupport™ offers premium support from expert technicians and 24x7 global availability.

**Learn more at Dell.com/Precision**

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1. A 64-bit operating system is required to support 4GB or more of system memory.
2. GB means 1 billion bytes and TB equals 1 trillion bytes; significant system memory may be used to support graphics, depending on system memory size and other factors.
3. Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicedescriptions
4. Standard I/O Ports
5. Materials: aluminum and magnesium alloy
6. Power: 240W AC adapter
7. Slots: 2 full and 2 half Mini-Card slots
8. Battery Options
9. Input
10. Docking Options
11. Security Options
12. Environmental and Regulatory
13. Warranty and Support Services

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