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The world's most powerful 17" Workstation

Mobile productivity and smart design unite in the Dell Precision M6800, featuring up to Windows 8 Pro, a 17.3" screen and best-in-class power and storage.



Offer Details **Tech Specs** Overview

Processors

4th generation Intel® CoreTM i5 and i7 processors, up to Core i7 Extreme Edition, with Intel vProTM advanced management on select CPUs.

Operating System

Windows 8 Pro 64-Bit

Windows[®] 7 Ultimate 32-Bit Windows[®] 7 Ultimate 64-Bit

Windows 7 Professional 32-Bit Windows 7 Professional 64-Bit

Red Hat[®] Enterprise Linux[®]
Ubuntu[®] 12.04 SP1 Linux version 6.4

Chipset

Mobile Intel[®] QM87 Express

Memory⁴,⁵

4 DIMM slots: up to 32GB 1600MHz; Or up to 16GB 1866MHz memory

Graphics⁵

AMD FirePro M6100 Mobility Pro with 2GB GDDR5 dedicated memory

NVIDIA Quadro K3100M with 2GB GDDR5 dedicated memory

NVIDIA Quadro K4100M with 4GB GDDR5 dedicated memory

NVIDIA Quadro K5100M with 8GB GDDR5 dedicated memory

Displays

17.3" HD+(1600x900): anti-glare, LED-backlit with Premium Panel Guarantee⁶
17.3" FHD(1920x1080): Dell UltraSharTM, wide view, anti-glare, LED-backlit, Premium Panel Guarantee⁶
17.3" FHD(1920x1080): Dell UltraSharpTM multi-touch, LED-backlit, ten finger simultaneous touch, Premium Panel Guarantee⁶

Storage Options⁷

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 caddy⁸; one solid state Mini-Card; Dell Fast Response Free Fall Sensor standard

7200rpm SATA 6Gb/s hard drive from 320GB² up to 750GB; 7200rpm 320GB² FIPS Certified Self Encrypting Drive 7200rpm SATA 6Gb/s 500GB² or 1TB² hybrid hard drive with up to 32GB of integrated solid state storage

SSD (Solid state drive) from 128GB² to 512GB SATA 6Gb/s Solid State Mini-Card storage device from 128GB² to 512GB 6Gb/s

Optional RAID 0 or 1 (requires minimum of two storage devices); Optional RAID 5 (requires minimum of three storage devices)

Connectivity

Wired:

Integrated Intel 82579M/V 10/100/1000 Gigabit Ethernet

Wireless I AN & Bluetooth::

Dell Wireless 1506 (802.11gn)
Intel Centrino[®] Ultimate-N 6300 (802.11n 3x3 half Mini-Card)
Intel Centrino[®] Advanced-N 7260 (802.11ac+BT 4.0 2x2 half Mini-Card)

Dell Wireless 1550 (802.11 a/c+BT 4.0 2x2 half Mini-Card)
Dell Wireless 1601 (802.11n+BT+60Hz WiGig 2x2 half Mini-Card)

Mobile Broadband & GPS:

1 of 3 11/22/13, 5:46 AM Dell Wireless $^{\rm TM}$ DW5570 Multi-mode HSPA+/-42Mbps full Mini-Card Dell Wireless $^{\rm TM}$ DW5808 Gobi 4G/LTE full Mini-Card

Multimedia

Dual integrated high quality speakers and dual integrated noise cancelling digital array microphones standard Waves MaxxAudio[®] Pro suite of advanced audio enhancement tools

Optional, integrated, light sensitive HD video webcam with Dell Webcam Central software

DVD-ROM; Slot load DVD+/-RW; Blu-ray DiscTM Rewritable; Optical bay caddy for additional hard drive or solid state drive

Standard I/O Ports

- 1 Lock Slot
- 2 USB 3.0
- 1 Microphone
- 1 Headphone
- 1 9-in-1 media card reader⁹
- 1 SmartCard reader (optional)
- 1 54mm ExpressCard slot

Rear

- 1 VGA 1 - RJ-45
- 1 eSATA / USB 2.0
- 1 HDMI

Right

- 2 USB 3.0
- 1 DisplayPort
- 1 Wireless switch

Ports, Slots & Chassis

Materials : aluminum and magnesium alloy Dimensions (HxWxD):1.44-1.59" x 16.41" x 10.65" (36.45-40.4mm x 416.7mm x 270.6mm)

Touch version: 1.55-1.71" x 16.41" x 10.65" (39.45-43.4mm x 416.7mm x 270.6mm)

 $\textbf{Weight}^{\textbf{10}}: \textbf{starts at 7.86lbs; 3.57kg (with 9-cell battery, airbay)}$ and optional mSATA)

Power: 240W AC adapter Slots: 2 full and 2 half Mini-Card slots

Battery Options

9-cell (97Wh) with ExpressChargeTM

9-cell (87Wh) 3 Year Limited Hardware Warranty 11

9-cell (97Wh) Extended battery slice

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

Recommended accessories

Monitors: Dell's award winning UltraSharp Monitors; Dell MDS14 Dual Monitor Stand

Docking : Dell E-Port Plus Advanced Port Replicator

Keyboard and mouse: Dell KM714 wireless keyboard and mouse; Dell Multimedia Keyboard

Carrying Case : Timbuk2® Breakout Premium Messenger

Case; Tarqus Drifter II Backpack

Security Options 12

Lock slot

Trusted Platform Module 1.2 (TPM) FIPS certified TPM

Setup/BIOS Password

I/O Interface Security

Intel Anti-Theft Protection (iATP)

Contact SmartCard reader

Contactless SmartCard reader

standard or FIPS certified fingerprint reader

Dell ControlVault

FIPS certified self encrypting drive

Dell Data Protection | Security Tools
Dell Data Protection | Protected Workspace

Dell Data Protection | Encryption

Regulatory and Environmental Compliance

Environmental standards (eco-labels) include:

BFR/PVC free¹

ENERGY STAR® qualified, EPEAT® Registered 14

China - RoHS, CECP, CEC EU - RoHS, WEEE

Germany - GS Mark South Korea - RoHS

Eco-label

Japan - RoHS

Energy Law, Green PC

Other environmental options: Dell Asset Recovery Service

Product Safety, EMC and Environmental Datasheets Dell Regulatory Compliance Home Page

Dell and the Environment

Warranty and Support Services

Limited Hardware Warranty¹¹: Standard 3-year Next Business Day On Site Service after Remote Diagnosis¹⁵ Optional 3 year Dell ProSupport 16 offers premium support from expert technicians and 24x7 global availability.

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United States

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