

Dell Precision M3800

The world's thinnest &
lightest 15" mobile
workstation

Reviewer's Guide



Dell Precision M3800 Feature Overview

The lightest, thinnest 15" workstation ever.

Create like never before with unmatched portability, breakthrough power and reliable performance. Edit video or photography at the shoot, present your CAD ideas to customers in style, or render 3D animation and modeling on the road.



Breakthrough workstation power

Maximize your professional software with a powerful 4th Gen Intel® Core™ i7 processor.

From rendering to complex modeling, get professional-grade performance with NVIDIA® Quadro® graphics with 2GB¹ of memory.

Boost system performance when you need it and save battery power when you don't with NVIDIA Optimus™ technology.

Smart design, outstanding durability

Your work will look its best on the vivid 15.6" UltraSharp™ display with up to QHD+ (3200x1800) resolution.

Select, zoom and edit your work using up to ten fingers with the touch display. The industrial-grade design includes a Corning® Gorilla® NBT™ Glass display, an aluminum frame and a strong, lightweight carbon fiber base.

Make sure your most-demanding applications run reliably with independent software vendor (ISV) certification — Dell's assurance that your software performs as it was designed.

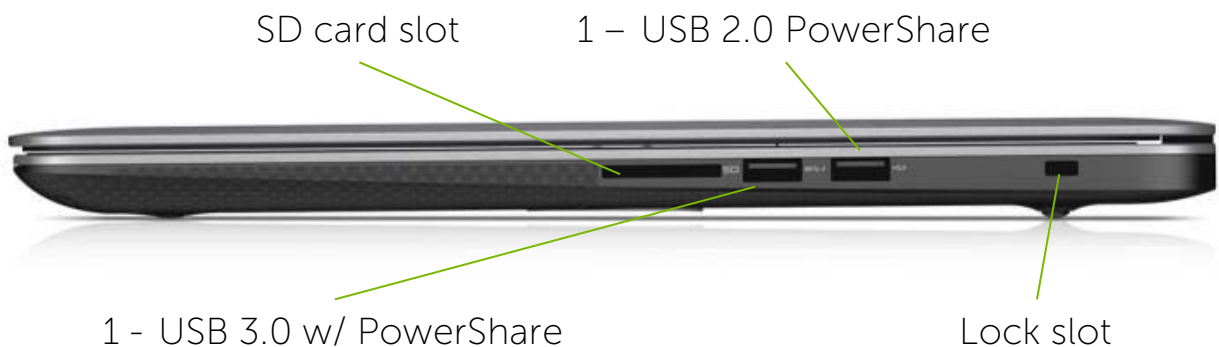


Dell Precision M3800 Specifications

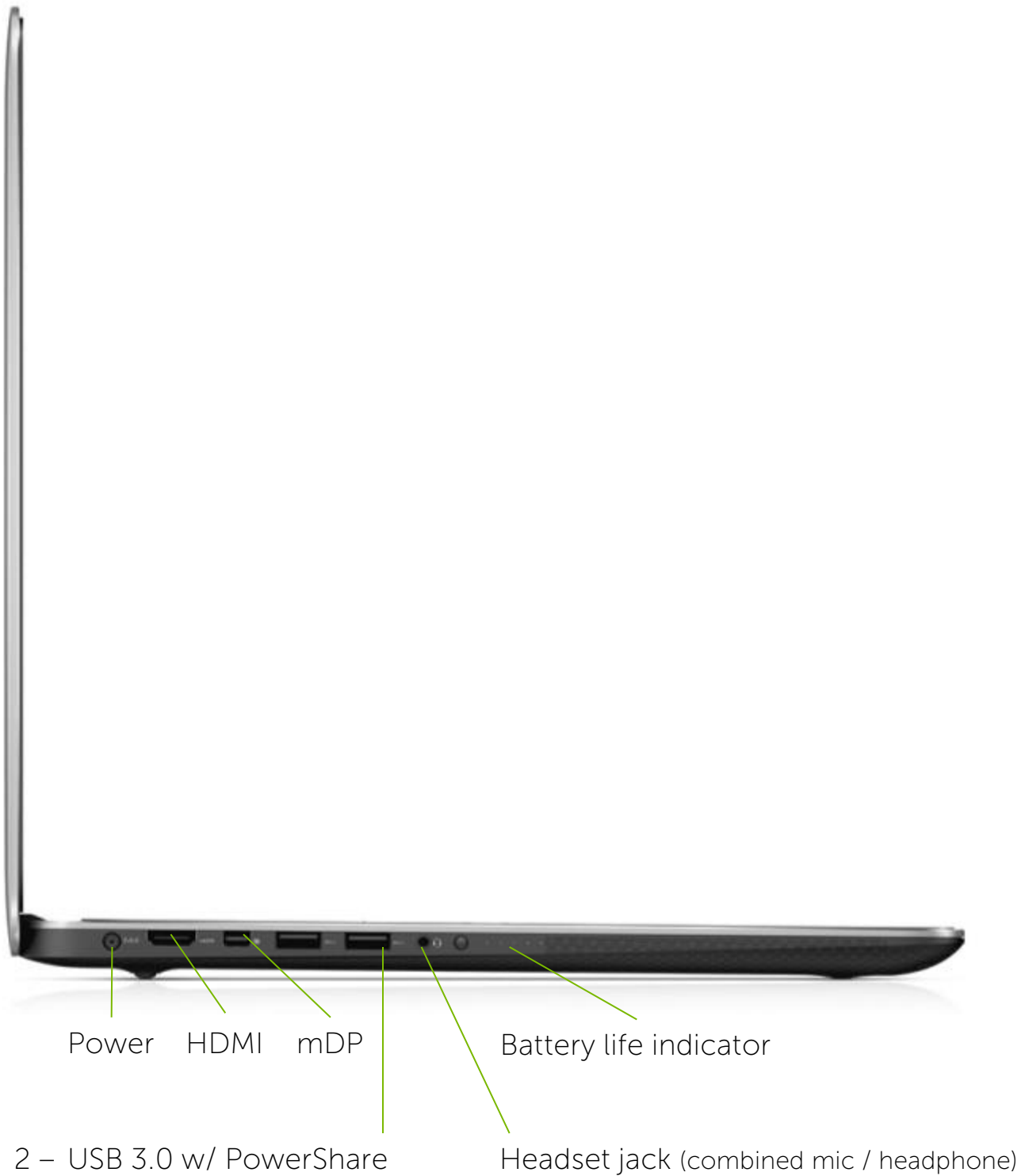
Feature	Technical Specification												
Processor	4th generation Intel® Core™ i7-4702HQ quad core processor												
Operating Systems	<ul style="list-style-type: none"> Windows® 8.1 Pro (64-Bit) Genuine Windows® 7 Professional (64-Bit) 												
Chipset	Mobile Intel® HM87 Express												
Memory ^{1, 2}	2 DIMM slots: up to 16GB 1600MHz DDR3L												
Graphics ¹	NVIDIA® Quadro® K1100M with 2GB GDDR5 dedicated memory												
Display Options ³	15.6" QHD+(3200x1800): Dell UltraSharp™, 5 finger multi-touch, wide view, LED-backlit, Premium Panel Guarantee 15.6" FHD(1920x1080): Dell UltraSharp™, 5 finger multi-touch, wide view, LED-backlit, Premium Panel Guarantee												
Storage Options ⁴	Support for two storage devices: one 2.5" drive; one solid state Mini-Card Dell; Fast Response Free Fall Sensor standard Hard Disk Drive (HDD): 500GB up to 1TB 2.5" 5400rpm SATA 6Gb/s Solid State Hybrid Hard Drive (SSHD): 500GB 2.5" SATA 6Gb/s with 8GB solid state storage Solid State Drive (SSD): 256GB or 512GB 2.5" SATA 6Gb/s Solid State Mini-Card storage device (mSATA): 128GB, 256GB or 512GB												
Communication Options	Wired: USB to Ethernet adapter included Wireless LAN: Intel® Dual Band Wireless-AC 7260 Plus Bluetooth 4.0												
Multimedia	Dual integrated high quality speakers and dual integrated noise cancelling digital array microphones standard Waves MaxxAudio® Pro suite of advanced audio enhancement tools Integrated, light sensitive HD video webcam with Dell Webcam Central software standard												
Standard I/O Ports	<table> <tr> <th>Left</th><th>Right</th></tr> <tr> <td>1 - HDMI</td><td>1 - 3-in-1 media card reader⁵</td></tr> <tr> <td>1 - mini DisplayPort (mDP)</td><td>1 - USB 2.0 with PowerShare</td></tr> <tr> <td>2 - USB 3.0 with PowerShare</td><td>1 - USB 3.0 with PowerShare</td></tr> <tr> <td>1 - Headset (combined microphone/headphone)</td><td></td></tr> <tr> <td>1 - Battery life indicator</td><td></td></tr> </table>	Left	Right	1 - HDMI	1 - 3-in-1 media card reader ⁵	1 - mini DisplayPort (mDP)	1 - USB 2.0 with PowerShare	2 - USB 3.0 with PowerShare	1 - USB 3.0 with PowerShare	1 - Headset (combined microphone/headphone)		1 - Battery life indicator	
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Chassis	Materials: aluminum and carbon fiber Dimensions (HxWxD): 0.31"-0.71" (front to back) x 14.65" x 10.00"; 8mm-18mm x 372mm x 254mm (excludes feet) Weight⁶: starts at 4.15lbs; 1.88kg (with 61Wh ⁷ battery and optional mSATA) Power: 130W AC adapter Slots: 1 full mini and 1 NGFF (Next Generation Form Factor) half mini												
Battery Options ⁷	6-cell (61Wh); 6-cell (91Wh)												
Input	Backlit full size keyboard; Gesture enabled multi-touch touchpad with two buttons												
Recommended Accessories	Monitors: Dell's award winning UltraSharp Monitors; Dell MDS14 Dual Monitor Stand Docking: Dell D3000 USB 3.0 dock Keyboard and mouse: Dell KM714 wireless keyboard and mouse Carrying Case: Dell Professional Slip Case												
Security Options ⁸	Noble lock slot; Trusted Platform Module 1.2 (TPM 1.2); Setup/BIOS Password; I/O Interface Security; Intel Anti-Theft Protection (iATP)												
Environmental and Regulatory	Environmental standards (eco-labels) include: ENERGY STAR® qualified, EPEAT® Registered ⁹ ; China - RoHS, CECP, CEC; EU - RoHS, WEEE; South Korea - RoHS, Eco-label; Japan - RoHS, Energy Law, Green PC Other environmental options: Dell Asset Recovery Service												
Warranty and Support Services	Limited Hardware Warranty ¹⁰ : Standard 1-year (optional 3, 4 or 5 year) Next Business Day On Site Service after Remote Diagnosis ¹¹ . Optional 3, 4 or 5 year Dell ProSupport ¹² offers premium support from expert technicians and 24x7 global availability.												



Dell Precision M3800 Gallery



Dell Precision M3800 Gallery



Dell Precision M3800 Gallery



Carbon fiber base



Recommended Accessories

- Dell provides a single source for essential workstation accessories recommended for high-performance processing and graphics applications.
- Users are empowered to effectively create, share and view for maximum productivity

Hero Products



View

**Dual Dell
UltraSharp Monitors –
U2412M**



Adjust

**Dell Dual
Monitor Stand –
MDS14**



Dock

**Dell SuperSpeed
D3000 USB 3.0
Universal Docking
Station**



Create

**Dell Wireless
Keyboard & Mouse –
KM714**



Carry

**Dell Professional
Slip Case**

Extended ecosystem



Print

**Dell Multifunction
Color Laser Printer**



Protect

**Dell Privacy Screen –
15.6"**



Store

**Dell 1TB Portable
Hard Drive**



Dock

Dell DC Power dongle



Industry-specific peripherals available by region



Dell Precision M3800 Services Overview

Dell Support Services make it easy to stay connected and productive throughout the life of your Dell product(s)

- Gain efficiency through a single source for all your support needs:
 - 24x7x365 access to ProSupport engineers with deep and broad expertise across hardware and software
 - Next Business Day Onsite service after Remote Diagnosis
 - Collaborative support agreements with over 195 3rd party vendors for more streamlined resolution
 - Support offered in 160+ countries and 55 languages
- Maximize your investment by leveraging technology experts to help you secure and protect your technology:
 - Set up and configuration for computer and connected devices
 - Automated software updates and performance optimization
 - Assistance backing up and securing your data
 - Antivirus installations
- Reduce risk and downtime and gain peace of mind:
 - Protect end user systems and minimize unplanned expenses with Accidental Damage coverage providing repair or replacement
 - Ensure security of classified, proprietary or sensitive data and dispose of it on your terms with Keep Your Hard Drive

Efficient, simple and cost effective - From the factory to the desk, ready for work we image PCs, apply asset tags and add 3rd party hardware and software to systems prior to shipping

- Receive systems ready to use out of the box
- Eliminate the risks and unnecessary complexity associated with supporting nonstandard configurations in your environment
- Reduce demands on your IT resources by deploying your systems more efficiently



Dell Precision M3800 Claims

- Dell Precision M3800: The world's thinnest and lightest 15" mobile workstation
- Dell Precision M3800: The first mobile workstation less than 3/4" [18mm] thin
- Dell Precision M3800: The only mobile workstation that is ISV certified with Nvidia Quadro graphics that is less than 3/4" [18mm] thin.
- Dell Precision M3800: The thinnest and lightest 15" workstation ever
- Dell Precision M3800 with QHD+ touch display: Higher resolution than the Apple Mac Book Pro Retina, HP ZBook 14 and Lenovo ThinkPad W540
- Dell Precision M3800 mobile workstation provides all-day battery life.*
- The Dell Precision M3800 mobile workstation: up to 10 hours of battery life.*

* Tested System equipped with 16GB memory, Intel Core i7-4702HQ processor, NVIDIA® Quadro® K1100M with 2GB GDDR5 dedicated memory, 256GB mSATA, Quad HD+ and 91 WHr battery. Based on testing using the Mobile Mark 2012 battery life benchmark test. For more information about this benchmark test, visit www.bapco.com. Test results should be used only to compare one product with another and are not a guarantee you will experience the same battery life. Battery life may be significantly less than the test results and varies depending on your product's configuration, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time and use.



Dell Precision M3800 Planned Certifications

Technology Partner

Adobe
AJA Video Systems
Altair
Ansys
Ansys
Assimilate
Autodesk
Autodesk
Autodesk
Autodesk
Autodesk
Autodesk
Autodesk
Autodesk
Autodesk
Avid
Avid
Cakewalk
CNC Software
Dassault
Dassault
Dassault
ESRI
GrassValley
Luxology
Matrox
Maxon
MSC Software
MSC Software
PTC
PTC
Siemens PLM Software
Siemens PLM Software
Siemens PLM Software
Sony
SpaceClaim
The Foundry

Application

Creative Suite
Xena SD/HD
Hyperworks
Workbench
Fluent CFD
Scratch
3ds max Design
MoldFlow
Revit (All)
Showcase
3DS max
Maya
MotionBuilder
Mudbox
SoftImage
NavisWorks
Media Composer (All)
Pro Tools / Pro Tools HD
Sonar / Sonar 64
MasterCAM
Catia
SolidWorks
ICEM Surf
ArcGIS
Edius/Stratus
Modo
Axio, Matrox RT
Cinema 4D
NASTRAN
PATRAN
Creo
Wildfire
NX
NX/Teamcenter
Solid Edge
Vegas Pro
SpaceClaim Engineer
Nuke, Mari



Important Information

1. 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.
2. A 64-bit operating system is required to support 4GB or more of system memory.
3. Dell UltraSharp™ monitors are backed with the Premium Panel Guarantee which will provide you with a replacement monitor should even one bright defective pixel be found on the screen during the Limited Hardware Warranty¹² period.
4. GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.
5. Media reader supports: SD, SDHC, SDIO, SDXC with UHS
6. Weights vary depending on configuration and manufacturing variability.
7. The stated Watt Hour (Whr) is not an indication of battery life.
8. Available in select regions.
9. EPEAT registration can vary by country. Please see www.epeat.net for the latest registration level and country participation.
10. For copy of Ltd Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see www.dell.com/warranty
11. Remote Diagnosis is determination by online/phone technician of cause of issue; may involve customer access to inside of system and multiple or extended sessions. If issue is covered by Limited Hardware Warranty (www.dell.com/warranty) and not resolved remotely, technician and/or part will be dispatched, usually within 1 business day following completion of Remote Diagnosis. Availability varies. Other conditions apply.
12. Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicedescriptions

Discover the world's thinnest and lightest 15" mobile workstation at Dell.com/precision

