HP COMPAQ NW9440 MOBILE WORKSTATION

Go Performance. Our Most Powerful Mobile Workstation: 17" widescreen display, high-performance processors & graphics and ISV certifications

HP recommends Windows Vista® Business

HP Compaq nw9440 Mobile Workstation provides workstation-caliber performance, powerful graphics capabilities, and a 17-inch widescreen display for high-end computing wherever work takes you.

Workstation performance on the move
High-performance mobile workstation frees you from the confines of your desk.

- Sleek mobile form factor starting at 7.5 lbs (3.40 kg) and 1.3 inches (33 mm) thin.
- NVIDIA Quadro FX 1500M graphics controller with up to 512 MB of GDDR III video memory delivers the performance and stability required for your most demanding projects.
- High-resolution 17-inch widescreen display with wide-viewing angle technology.
- Certified with the latest ISV workstation applications in a wide range of vertical segments.
- New Intel® Core™2 Duo[7] processors allow simultaneous use of multiple applications so you accomplish more in less time.
- Fast hard drives combined with increased memory capacity maximize productivity.
- Optional LightScribe DVD+/-RW with Double Layer gives you twice the storage of single-layer disc and lets you burn a custom label directly to your disc.[2,3,6]

- HP Performance Tuning Framework enables optimal configuration delivering stability and best performance

HP Professional Innovations
A suite of value-added security, ease-of-use, and reliability features that helps differentiate HP Business Notebooks from all the rest.

- Security – Solutions to help protect your notebook, data, and network connections.
  - HP ProtectTools is a portfolio of security features designed to address critical aspects of IT security including the TPM Embedded Security Chip, Smart Card Reader, and optional HP Biometric Fingerprint Sensor[6].
- Ease-of-use – Intuitive and power-saving features that boost productivity.
  - Full-sized keyboard with separate numeric keypad delivers desktop equivalent familiarity and functionality.
  - Compatible with all of the notebook accessories[6] shared across HP's Business Notebook line.
- Reliability -- Built to perform and proven to last.
  - HP Mobile Data Protection System 3D incorporates motion detection and helps protect data during normal use from shock and vibration

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Operating system	**Preinstalled** Genuine Windows XP Professional Edition FreeDOS[6] Windows Vista Capable - Not all Windows Vista features are available for use on all Windows Vista Capable PCs. All Windows Vista Capable PCs will run the core experiences of Windows Vista, such as innovations in organizing and finding information, security, and reliability. Some features available in premium editions of Windows Vista -- like the new Windows Aero™ user interface – require advanced or additional hardware. Check www.windowsvista.com/getready for details.	**Supported** Genuine Windows 2000 (drivers downloadable from http://www.hp.com)

Processor[7]	Intel® Core™2 Duo processor 667-MHz FSB, 4-MB L2 cache • T7200[†] (2.0-GHz), T7400[†] (2.16-GHz), T7600[†] (2.33-GHz) Intel® Core™2 Duo processor 667-MHz FSB, 2-MB L2 cache • T5600[†] (1.83-GHz) Intel Core Duo processor 667-MHz FSB, 2-MB L2 cache • T2400[†] (1.83-GHz), T2500[†] (2.0-GHz), T2600[†] (2.16-GHz) [†]Intel's numbering is not a measurement of higher performance.
Chipset	Mobile Intel 945PM Express Chipset with 667-MHz FSB

ISV Certifications	AutoDesk AutoCAD	UGS I-DEAS NX 10	PTC Pro/E 2001 Mechanica	Solidworks
	AutoDesk Inventor	UGS I-DEAS NX 11	PTC Pro/E Wildfire Mechanica	CoCreate OneSpace Designer
MCAD	AutoDesk Revit	UGS/PLM Unigraphics NX, NX2, NX3 UGS	MSC.Patran	ICEM Surf
	Bentley Microstation	Solidedge	SensAble	PTC DV Mockup
	Dassault Catia V5			
DCC	Discreet 3DS MAX/Combustion	Alias Maya	Avid SoftImage XSI/3D	
	Adobe Premiere/After Effects	Alias Studio Tools	Avid Xpress Pro	
GIS	ESRI ArcGIS 9		**Oil & Gas**	SMT, Landmark/GeoGrpahix, EDS, Roxar, Schlumberger/Petrel

Memory	DDR2 SDRAM, 533- or 667-MHz, two SODIMM slots supporting dual channel memory[11], 256/512/1024/2048-MB upgradeable to 4096-MB maximum[1]
Hard drive(s)[13]	60/80/100/120-GB 5400 rpm, 80/100-GB 7200 rpm
Removable media	12.7-mm optical drives: DVD+/-RW SuperMulti[12] with Double Layer[2], LightScribe DVD+/-RW with Double Layer[2], 24X DVD/CD-RW Combo, 8x DVD-ROM
Display	17.0-inch WSXGA+ wide-viewing angle (1680 x 1050 resolution and 16M colors), 17.0-inch WSXGA+ Brightview wide-viewing angle (1680 x 1050 resolution and 16M colors), 17.0-inch WUXGA wide-viewing angle (1920 x 1200 resolution and 16M colors); Ambient Light Sensor
Graphics	NVIDIA Quadro FX 1500M graphics controller with 256 MB of GDDR III video memory, NVIDIA Quadro FX 1500M with 512MB discrete video memory
Audio	PremierSound High Definition Audio support w/24-bit audio DAC, Digital EQ, Advanced audio power management, line out/headphone jack, microphone jack, integrated microphone
xWireless[4] support	Intel PRO/Wireless 3945ABG Network Connection, Intel PRO/Wireless 3945BG Network Connection, Broadcom 4311BG 802.11b/g WiFi Adapter, Broadcom 4311AG 802.11a/b/g WiFi Adapter, dual display mounted antennas, optional Bluetooth™[5], HP Wireless Assistant
Communications	Broadcom Gigabit PCI Express Ethernet Controller[5] (10/100/1000 NIC), 56K v.92 modem, HP Smart Power NIC technology
PC Card slots	1 Type I/II PC Card slot supports 32-bit CardBus and 16-bit cards
7-in-1 Media Reader[10]	Secure Digital, MultiMediaCard, Memory Stick, Memory Stick Pro, Memory Stick Duo, Smart Media and xD memory cards
Ports and connectors	4 USB 2.0, VGA, audio in/out, power, RJ-11, RJ-45, S-video TV out, IEEE 1394a, docking, HP Extended Life Battery
Input devices	Full-sized keyboard with numeric keypad; Dual Point and dual point with HP Biometric Fingerprint Sensor
Software	Microsoft Windows Media Player 10, Microsoft .NET Framework 1.1, HP Mobile Printing Driver for Windows, HP Backup and Recovery Manager, Sonic Digital Media Plus (select models), Intervideo WinDVD 5 (select models), Microsoft Office 2003 Small Business or Professional (optional)
Security	HP ProtectTools, TPM Enhanced DriveLock, integrated Smart Card Reader, optional HP Biometric Fingerprint Sensor[6], TPM Embedded Security Chip, Kensington lock slot, Norton Internet Security
Dimensions (h × w × d)	1.3 in (at front) x 15.5 in x 10.8 in /33 mm (at front) x 393 mm x 275 mm
Weight	Starting at 7.5 lb/3.40 kg
Power	8-cell (69 WHr) Lithium-Ion battery, HP 8-cell (52 WHr) Extended Life Battery[6], 120W HP Smart AC Adapter[14], HP Fast Charge Technology[8]

Expansion solutions[6]	HP 3-in-1 NAS Docking Station	HP Docking Station	HP Advanced Docking Station	HP External MultiBay II	HP Monitor Stands

Warranty	Three Year standard parts, labor onsite limited warranty (upgrades available[7]), one-year limited warranty on primary battery

1 Above 3 GB, all memory may not be available due to system resource requirements. **2** Double Layer discs can store more data than single layer discs. However, double-layer discs burned with this drive may not be compatible with many existing single-layer DVD drives and players **3** LightScribe creates a grayscale image similar to black and white photography. LightScribe media required and sold separately. **4** Wireless access point not required and is not included. Availability of public wireless access points limited. Wireless Internet use requires separately purchased Internet service contract. **5** The term "10/100/1000" or "Gigabit" Ethernet indicates compliance with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/sec. For high speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required. **6** Sold separately or as an optional feature. **7.** Dual Core is a new technology designed to improve performance of certain software products. Check with software provider to determine suitability. Not all customers or software applications will necessarily benefit from use of this technology **8**. Fast Charge Technology recharges your battery up to 90% within 90 minutes when the system is off. Fast Charge Technology does not apply to 9 cell primary and 12 cell Ultra Capacity batteries. **10.** Memory Stick Duo Adapters are required and sold separately. Inserting a Memory Stick Duo Cards directly into your notebook can damage the memory card and/or notebook **11.** Dual Channel is only supported when the system is configured with DDR2 symmetric memory (i.e. 2x256). **12.** Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 GB Double Sided – Version 1.0 media. **13.** For hard drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 8GB of memory is reserved for system recovery software. **14.** The new HP Smart A/C Adapters will not be backwards compatible to prior generation notebooks. However, a dongle will be available to support existing notebooks in the field. Older HP adapters will not be forward compatible to the 2006 HP Business Notebooks.

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