HP Compaq nx9420 Notebook PC

Go Powerful. Extreme Performance and Functionality: 17″ widescreen display, high performance discrete graphics and full sized keyboard with integrated numeric keypad

HP recommends Windows Vista™ Business

The HP nx9420 Notebook PC is designed for power users looking for the most robust notebook in HP's Business Notebook line. It combines cutting-edge mobile computing technologies, high-end graphics, and excellent battery life into a thin and light package.

Performance on the move
- High-resolution 17-inch widescreen display with wide-viewing angle technology.
- New Intel® Core™2 Duo[7] processors allow simultaneous use of multiple applications so you accomplish more in less time.
- Large, fast hard drives let you store complex files, while the HP Mobile Data Protection System 3D helps protect data during normal use from shock and vibration while on the go.
- Powerful graphics solutions from ATI and NVIDIA quickly render complex 3D drawings and presentations with stunning visual clarity and realism.

Power and connectivity on the go
- A variety of wired and wireless[4] communication solutions help you stay connected.
- The HP Wireless Assistant provides power control and device status information allowing you to easily check your device and quickly enable or disable it to enhance battery life.

- Up to 4 hours of battery life using the primary system battery and up to 8 hours with optional HP Extended Life Battery[6,8]. HP Fast Charge Technology[9] allows you to quickly recharge your primary battery while you are working.

Desktop in motion
- The full-sized keyboard with separate numeric keypad delivers desktop equivalent familiarity and functionality.
- An integrated 7-in-1 media reader supports the most popular media card formats allowing you to quickly share data with different devices or other users.[10]

HP Professional Innovations
- Security – HP ProtectTools, an integrated suite of security solutions, helps protect your notebook, data, and network connections.
- Ease-of-use – Boost productivity with HP comfort-focused designs and innovative features that provide easy access to frequently used tools. Compatible with all of the notebook accessory solutions[7] (docking stations, travel batteries, etc.) shared across HP's Business Notebook line.
- Reliability – HP delivers products built to perform and proven to last through expert engineering and dedication to quality.

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Operating system	**Preinstalled** **Supported** Genuine Windows XP Professional Edition Genuine Windows 2000 Genuine Windows XP Home Edition (drivers downloadable from http://www.hp.com) 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.

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
Memory	DDR2 SDRAM, 533- or 667-MHz, two SODIMM slots supporting dual channel memory[11], 256/512/1024-MB upgradeable to 4096-MB maximum[1]
Hard drive(s)[13]	9.5-mm SATA hard drives: 60/80/100/120-GB 5400 rpm, 80/100-GB 7200 rpm
Removable media	12.7-mm optical drives: SuperMulti[12] Double Layer[2] DVD+/-RW, Double Layer[2] DVD+/-RW with LightScribe[3], 24X DVD/CD-RW Combo, 8x DVD
Display	17.0-inch WXGA+ (1440 x 900 resolution and 16M colors), 17.0-inch WSXGA+ wide-viewing angle (1680 x 1050 resolution and 16 M 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	ATI Mobility Radeon x1600 with 256-MB of dedicated video memory, NVIDIA Quadro NVS 510M with 256-MB dedicated 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
Wireless[4] support	Intel Pro/Wireless 3945ABG Network Connection, Broadcom 4311BG 802.11b/g WiFi Adapter, Broadcom 4311AG 802.11a/b/g WiFi Adapter, dual display mounted antennas, Bluetooth™[5,6], HP Wireless Assistant
Communications	Broadcom Gigabit PCI Express Ethernet Controller[6] (10/100/1000 NIC), 56K 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, accessory batter connector
Keyboard	Full-sized keyboard with numeric keypad
Pointing device	Touchpad with two pick buttons and scroll zone; optional[6] Fingerprint Reader configurable between Touchpad pick buttons
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[6] HP Biometric Fingerprint Sensor, 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 7.4 lb/3.35 kg
Power	8-cell Lithium-Ion battery, secondary 8-cell HP Extended Life Battery[7], external 90W Smart AC Adapter
Expansion solutions[6]	HP 3-in-1 NAS Docking Station HP Docking Station HP Advanced Docking Station
Warranty	One-year standard parts and labor 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 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. 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. Battery life will vary depending on the product: model, configuration, loaded applications, features, & power management settings. The maximum capacity of the battery will decrease with time and usage. 9. Fast Charge Technology recharges a battery up to 90% within 90 minutes. 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.

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