




HP Compaq nc6400 Notebook PC



Intel® Core™2 Duo processors, broadband WWAN

HP recommends Windows® XP Professional

The HP Compaq nc6400 delivers the optimal combination of connectivity, enhanced security, and performance in a widescreen form factor to keep you more secure, productive, and connected in and out of the office.

Productivity and connectivity on the move

- Starting at just 4.4 lbs (2.0 kg) and as thin as 1.1" (29.2 mm), this thin and light notebook is built for work on the go.
- 14.1-inch widescreen displays allow documents and applications to be viewed side-by-side.
- New Intel® Core™2 Duo¹ processors allow simultaneous use of multiple applications so you accomplish more in less time.
- Choice of powerful ATI graphics that deliver power-saving features, multi-monitor support, high-quality video playback, and 3D graphics or Intel® GMA 950 that deliver sharp images and intense 3D graphics while balancing memory usage between graphics and the system.
- Optional² integrated HP Broadband Wireless¹² is also upgradeable, so you can add it later. (Available in select countries subject to carrier certification¹³).
- Ultra-slim MultiBay II drive allows you to swap optical drives with secondary hard drives² for

increased storage or switch the drive with a weight saver² for optimal travel weight.

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 HP Biometric Fingerprint Sensor.
 - HP Privacy Filter² is a built-to-fit, security filter that narrows the viewing angle with no blurring or image distortion so your screen is visible only to you.
- Ease-of-use – Intuitive and power-saving features that boost productivity.
 - Compatible with all of the common notebook accessories² 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.

- Magnesium alloy support structure and display enclosure provide durability in a very thin and light design.

HP Compaq nc6400 Notebook PC

HP recommends Windows® XP Professional

Operating system	Preinstalled Genuine Windows XP Professional Edition Genuine Windows XP Home Edition FreeDOS 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 ¹	Intel® Core™2 Duo processor 667-MHz FSB, 4-MB L2 cache <ul style="list-style-type: none"> T7200¹ (2.0-GHz), T7400¹ (2.16-GHz), T7600¹ (2.33-GHz) Intel® Core™2 Duo processor 667-MHz FSB, 2-MB L2 cache <ul style="list-style-type: none"> T5500¹ (1.66-GHz), T5600¹ (1.83-GHz) Intel Core Duo processor 667-MHz FSB, 2-MB L2 cache <ul style="list-style-type: none"> T2300E¹ (1.66-GHz), T2300¹ (1.66-GHz), T2400¹ (1.83-GHz), T2500¹ (2.0-GHz), T2600¹ (2.16-GHz) Intel Core Solo processor 667-MHz FSB, 2-MB L2 cache <ul style="list-style-type: none"> T1300¹ (1.66-GHz) ¹ Intel's numbering is not a measurement of higher performance.	
Chipset	Mobile Intel 945PM Express Chipset (discrete graphics) Mobile Intel 945GM Express Chipset (integrated graphics)	
Memory	DDR2 SDRAM, 533- or 667-MHz, two SODIMM slots supporting dual channel memory ⁷ , 256/512/1024/2048-MB upgradeable to 4096-MB maximum ³	
Hard drive(s) ⁹	40/60/80/100-GB 5400 rpm, 60/80/100-GB 7200 rpm	
MultiBay II device	Ultra-slim 9.5-mm drives: SuperMulti® 2X DVD+/-RW with Double Layer ¹¹ , 24X DVD/CD-RW Combo, 8x DVD-ROM, second hard drive	
Display	14.1-inch WXGA (1280 x 800 resolution and 16M colors), 14.1-inch WXGA+ (1440 x 900 resolution and 16M colors), Ambient Light Sensor	
Graphics	For discrete graphics models with 64MB dedicated video memory and 256MB of system memory: ATI Mobility Radeon X1300 128MB HyperMemory* For discrete graphics models with 512MB system memory: ATI Mobility Radeon X1300 256MB HyperMemory** For discrete graphics models with 1024MB or more of system memory: ATI Mobility Radeon X1300 512MB HyperMemory** For integrated graphics models: Intel Graphics Media Accelerator 950 with up to 224MB shared system memory, depending on model * Indicates dedicated video memory and shared system memory. 64MB dedicated video memory. ** Indicates dedicated video memory and shared system memory. Either 64MB or 128MB dedicated video memory, depending on model.	
Audio	PremierSound High Definition Audio support w/24-bit DAC, headphone jack, microphone jack, integrated microphone	
Wireless ^{2, 4, 12} support	HP ev2200 1xEV-DO Broadband Wireless Module (requires Verizon Wireless Service ¹²); HP hs2300 HSDPA Broadband Wireless Module (requires Cingular or Vodafone Wireless service ¹²); Intel PRO/Wireless 3945ABG Network Connection, Intel PRO/Wireless 3945BG Network Connection, Broadcom 4311AG 802.11a/b/g WiFi Adapter, Broadcom 4311BG 802.11b/g WiFi Adapter, Bluetooth™ 2.0, HP Wireless Assistant (select models)	
Communications	Broadcom NetXtreme Gigabit Ethernet PCI Express Controller ⁵ (10/100/1000 NIC), 56K v.92 modem	
Expansion slots	1 Type I/II PC Card slot supports 32-bit CardBus and 16-bit cards, integrated Smart Card Reader, Secure Digital slot	
Ports and connectors	3 USB 2.0, S-video TV out , RJ-11, RJ-45, headphone jack, microphone jack, docking connector, AC adapter, VGA, Fast IR, accessory battery connector	
Input devices	Full-sized keyboard; Dual pointing devices (touchpad and pointstick) with scroll zone	
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, integrated HP Biometric Fingerprint Sensor, TPM Embedded Security Chip, HP Privacy Filter ² (optional accessory), Kensington lock slot, Norton Internet Security	
Dimensions (h x w x d)	1.1 in (at front)/1.3 in (rear) x 13.0 in x 9.4 in /29.2 mm (at front)/33.7 mm (rear) x 330 mm x 239 mm	
Weight	Starting at 4.4 lb/2.0 kg with weight saver and 4 cell battery	
Power	4-cell (37 WHr) Lithium-Ion battery ² (optional only on integrated graphics models), 6-cell (55 WHr) Lithium-Ion battery, 65W HP Smart AC Adapter ¹⁰ (standard for integrated graphics models), 90W HP Smart AC Adapter ¹⁰ (standard for discrete graphics models), HP Fast Charge Technology ⁶	
Expansion solutions ²	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 and labor limited warranty, depending on country (upgrades available ²), one-year limited warranty on primary battery	

1. 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. 2. Sold separately or as an optional feature. 3. Above 3-GB, all memory may not be available due to system resource requirements. 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. 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. 7. Dual Channel is only supported when the system is configured with DDR2 symmetric memory (i.e. 2x256). 8. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 GB Double Sided - Version 1.0 media. 9. For hard drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 8GB of memory is reserved for system recovery software. 10. 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

© 2006 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. Bluetooth is a trademark of its proprietor and used by Hewlett-Packard Company under license. Microsoft, Windows is a U.S. registered trademark of Microsoft Corporation. Intel Pentium, Intel and Intel Core are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the



To learn more, visit www.hp.com

October 2006