

HP Compaq nc6320 Notebook PCs

HP recommends Microsoft® Windows® XP Professional



Ideal Productivity And Connectivity -- Intel® Core™ Duo processors, 15-inch displays, and multiple wireless options

The HP Compaq nc6320 Notebook PC provides the ideal balance of connectivity, security, and mobility with a large, crisp display to maximize productivity.

Productivity on the move

The tools you need to accomplish more in less time.

- 7-in-1 media reader supports the most popular media card formats allowing you to quickly share data with different devices or other users.¹²
- The optional double-layer DVD+/-RW gives you twice the storage of a single layer disc.^{2,7}
- New Intel® Core™ Duo¹¹ processors allow simultaneous use of multiple applications so you accomplish more in less time.
- Choice of either a 15-inch TFT XGA display or 15-inch TFT SXGA+ wide-viewing angle maximizes productivity.

Power and connectivity on the go

The connectivity and power that keeps you going.

- A variety of wired and wireless³ communication solutions help you stay connected.
 - Optional HP Broadband Wireless⁴ lets you enjoy wireless almost anywhere. (Available in US only)
- With HP's selection of extended-life batteries,⁷ you'll get power that goes with you.

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 HP Biometric Fingerprint Sensor, TPM 1.2 Embedded Security Chip and optional Smart Card Reader⁷.
- Ease-of-use – Intuitive and power-saving features that boost productivity.
 - Compatible with all of the common notebook accessories⁷ shared across HP's Business Notebook line.
 - HP Fast Charge Technology charges the primary battery 90% in 90 minutes then charges secondary battery to 90% to keep you running.¹⁴
- Reliability -- Built to perform and proven to last.
 - HP Mobile Data Protection system helps reduce the risk of data loss or system failures caused by operational shock while the hard drive is active.
 - In-mold Lamination offers a scratch-resistant surface that helps protect the keyboard deck.

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Operating system	Preinstalled Microsoft Windows XP Professional Edition Microsoft Windows XP Home Edition FreeDOS	Supported Microsoft Windows 2000 (drivers downloadable from http://www.hp.com)
Processor¹¹	Intel Core Duo Processor T2600 [†] (2.16-GHz, 667-MHz FSB, 2-MB L2 cache) Intel Core Duo Processor T2500 [†] (2.00-GHz, 667-MHz FSB, 2-MB L2 cache) Intel Core Duo Processor T2400 [†] (1.83-GHz, 667-MHz FSB, 2-MB L2 cache) Intel Core Duo Processor T2300 [†] (1.66-GHz, 667-MHz FSB, 2-MB L2 cache) Intel Core Solo Processor T1300 [†] (1.66-GHz, 667-MHz FSB, 2-MB L2 cache) [†] Intel's numbering is not a measurement of higher performance	
Chipset	Mobile Intel 945GM Express Chipset	
Memory	DDR2 SDRAM, 533- or 667-MHz, two SODIMM slots supporting dual channel memory ⁸ , 256/512/1024/2048-MB, supports up to 4096 MB ¹³	
Hard drive(s)¹⁰	Serial ATA 40/60/80/100-GB 5400 rpm	
Removable media	12.7-mm optical drives: LightScribe ^{1,2} DVD+/-RW with Double Layer ² , DVD+/-RW SuperMulti ⁹ with Double Layer ² , 24X DVD/CD-RW combo	
Display	15.0-inch XGA (1024 x 768 resolution and 16M colors), 15.0-inch SXGA+ wide viewing angle (1400 x 1050 resolution and 16M colors)	
Graphics	Intel Graphics Media Accelerator 950, up to 128-MB shared system memory	
Audio	PremierSound High Definition Audio w/24-bit DAC, headphone jack, microphone jack, integrated microphone	
Wireless³ support	HP ev2200 1xEV-DO Broadband Wireless Module ⁴ (requires Verizon Wireless Service); Intel PRO/Wireless 3945ABG Network Connection, Broadcom 4311AG 802.11a/b/g WiFi Adapter, Broadcom 4311BG 802.11b/g WiFi Adapter, Bluetooth™ 2.0	
Communications	Broadcom NetLink Gigabit Ethernet PCI Controller ⁵ (10/100/1000), 56K v.92 modem	
Expansion slots	1 Type I/II PC Card slot supports 32-bit CardBus and 16-bit cards; Express Card slot	
7-in-1 Media Reader¹²	Secure Digital, MultiMediaCard, Memory Stick, Memory Stick Pro, Memory Stick Duo, Smart Media and xD memory cards	
Ports and connectors	4 USB 2.0 ports, VGA, mic in, line out, integrated mic, IEEE 1394a, AC power, RJ-11, RJ-45, lock slot, S-video TV out, parallel, serial, docking	
Input device	Full-sized keyboard; Touchpad with scroll zone and HP Biometric Fingerprint Sensor, optional Pointstick with HP Biometric Fingerprint Sensor	
Software	Operating system updates Microsoft Windows Media Player 10 Microsoft .NET Framework 1.1 Security and recovery HP Backup and Recovery Manager Norton Internet Security HP ProtectTools Security Manager	Applications and utilities HP Wireless Assistant – select models HP Mobile Printing Driver for Windows Applications Sonic Digital Media Plus – select models Intervideo WinDVD 5 – select models Microsoft Office 2003 Small Business or Professional-Optional
Security	HP ProtectTools, HP Drivelock, optional Smart Card Reader ⁷ , TPM Embedded Security Chip, HP Biometric Fingerprint Sensor, Kensington lock slot	
Dimensions (h x w x d)	1.2 in (at front) x 12.9 in (w) x 10.8 in (d) / 30.3 mm (at front) x 328.6 mm x 247.3 mm	
Weight	Starting at 6.1 lb / 2.77 kg	
Power	6-cell (52 WHr) Lithium-ion battery, secondary HP 8-cell (52 WHr) Extended Life Battery ⁷ , 65W HP Smart AC Adapter ¹⁵ , HP Fast Charge Technology ¹⁴	
Expansion solutions⁷	HP Docking Station	HP Advanced Docking Station HP External MultiBay II HP Monitor Stands
Warranty	Three-year limited parts and labor warranty, depending on country and model (upgrades available ⁷); one-year limited warranty on primary battery	

1 LightScribe creates a grayscale image similar to black and white photography. LightScribe media required and sold separately.

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 Wireless access point required and is not included. Availability of public wireless access points limited. Wireless Internet use requires separately purchased Internet service contract.

4 Wireless use requires separately purchased service contract. Access limited to coverage area of Verizon Wireless. Check with Verizon Wireless for availability and coverage in your area.

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.

7 Sold separately or purchased as an optional feature

8 Dual Channel is only supported when the system is configured with DDR2 symmetric memory (i.e. 2x256).

9 Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 GB Double Sided – Version 1.0 media.

10 For hard drives, GB = 1 billion bytes. Actual available capacity is less. Up to 8GB of memory is reserved for system recovery software.

11 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

12 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

13 Above 3-GB, all memory may not be available due to system resource requirements.

14 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.

15 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

