

HP Compaq nx6320/nc6320 Notebook PCs

HP recommends Windows® XP Professional



Ideal Productivity And Connectivity -- Intel® Core™ 2 Duo processors, 15-inch displays, and multiple wireless options

The HP Compaq 6320 Notebook PC series 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.^{1,2}
- The optional double-layer DVD+/-RW with LightScribe technology gives you twice the storage of single layer disc and lets you burn a custom label directly to your disc.^{1,2,7}
- New Intel® Core™2 Duo¹¹ processors allow simultaneous use of multiple applications so you accomplish more in less time.
- Choice of either a 15-inch TFT XGA display with or without BrightView⁶ 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 Embedded Security Chip (Available in NA only) 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.
 - In-mold Lamination offers a scratch-resistant surface that helps protect the keyboard deck.

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Operating system	Preinstalled	Supported
	Genuine Windows XP Professional Edition Genuine Windows XP Home Edition FreeDOS	Genuine Windows 2000 (drivers downloadable from http://www.hp.com)
Processor ¹¹	Intel® Core™2 Duo processor 667-MHz FSB, 4-MB L2 cache <ul style="list-style-type: none"> T7200† (2.0-GHz), T7400† (2.16-GHz), T7600† (2.33-GHz) Intel® Core™2 Duo processor 667-MHz FSB, 2-MB L2 cache <ul style="list-style-type: none"> T5500† (1.66-GHz), T5600† (1.83-GHz) Intel Core Duo processor 667-MHz FSB, 2-MB L2 cache <ul style="list-style-type: none"> T2300E† (1.66-GHz), T2300† (1.66-GHz), T2400† (1.83-GHz), T2500† (2.0-GHz), T2600† (2.16-GHz) Intel Core Duo processor 533-MHz FSB, 2-MB L2 cache <ul style="list-style-type: none"> T2250† (1.73-GHz) (select countries only), T2050† (1.60-GHz) (select countries only) Intel Core Solo processor 667-MHz FSB, 2-MB L2 cache <ul style="list-style-type: none"> T1300† (1.66-GHz) Intel Core Solo processor, 533-MHz FSB, 2-MB L2 cache <ul style="list-style-type: none"> T1350† (1.86-GHz) (select countries only) Intel Celeron® M processor, 533-MHz FSB, 1-MB L2 cache <ul style="list-style-type: none"> 410† (1.46-GHz), 420† (1.60-GHz), 430† (1.73-GHz) †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	40/60/80/100-GB 5400 rpm	
Removable media	12.7-mm optical drives: LightScribe ² DVD+/-RW with Double Layer ² , DVD+/-RW SuperMulti ⁹ with Double Layer ² , 24X DVD/CD-RW combo, 8X DVD-ROM, 24X CD-ROM	
Display	14.1-inch or 15.0-inch XGA (1024 x 768 resolution and 16M colors), 15.0-inch XGA BrightView display ⁶ (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	
Wireless ³ support	HP ev2200 1xEV-DO Broadband Wireless Module ⁴ (requires Verizon Wireless Service); 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 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 Reader ¹²	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, Touchpad with scroll zone and HP Biometric Fingerprint Sensor, or Pointstick 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, DriveLock, TPM Enhanced DriveLock (requires a TPM Embedded Security Chip), optional Smart Card Reader ⁷ , TPM Embedded Security Chip (NA only), HP Biometric Fingerprint Sensor, Kensington lock slot, Norton Internet Security	
Dimensions (h x w x d)	1.2 in (at front) x 12.9 in (w) x 10.5 in/10.8 in (d) (with WWAN) / 30.3 mm (at front) x 328.6 mm x 266.7 mm/274.3 mm (with WWAN)	
Weight	14.1" panel - starting at weight: 5.7 lbs and 2.59 kilograms; 15.0" panel - starting at weight: 6.1 lbs and 2.77 kilograms	
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 solutions ⁸	HP Docking Station HP Advanced Docking Station HP External MultiBay II HP Monitor Stands	
Warranty	Three-year or one-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. 6. On nx6320 models only. 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.

