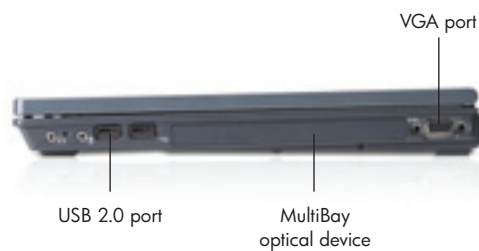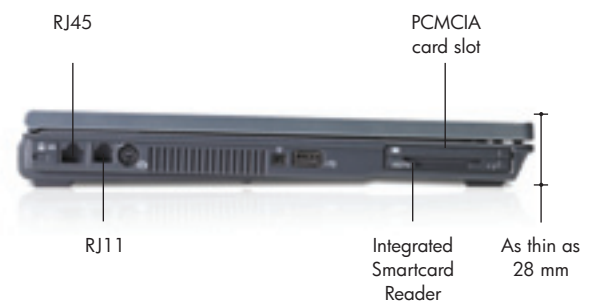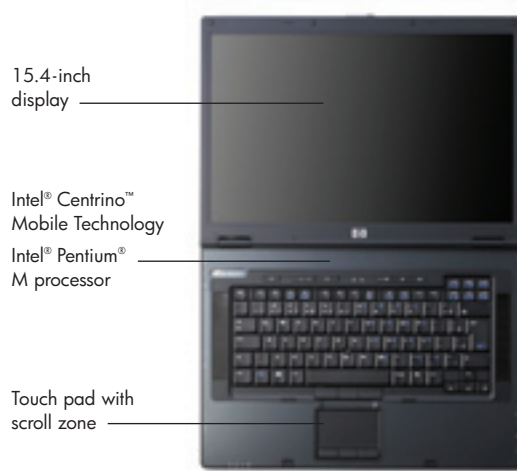# HP Compaq nc8230 Notebook PC

High-end performance in a thin and light widescreen design

The HP Compaq nc8230 Notebook PC offers users high performance processing and graphics capabilities in a travel friendly, thin and light form factor. At 2.63 kg, mobile professionals will appreciate its sleek design combined with the advantages of a brilliant 15.4-inch widescreen display and desktop equivalent performance.

HP recommends Microsoft® Windows® XP Professional

Key features

15.4-inch display

Intel® Centrino™ Mobile Technology

Intel® Pentium® M processor

Touch pad with scroll zone

RJ45

RJ11

PCMCIA card slot

Integrated Smartcard Reader

As thin as 28 mm

VGA port

USB 2.0 port

MultiBay optical device

Wireless on/off power, charge, HDD activity, MultiBay activity LEDs

HP Mobile Data Protection System

Widescreen, performance and graphics

- Intel® Centrino™ Mobile Technology for wireless[1] connections

- Intel® Pentium® M processor, supporting Enhanced Intel® SpeedStep Technology

- HP patented power down NIC technology

- Intel® Display Power Saving Technology

- Optional travel battery allows an additional 4 hours of run time[2]

- Enhanced standby time (over 1 week)

Ease of use

Every business has a different environment and needs. That's why the HP Compaq nc8230 Notebook PC is built with versatility in mind, allowing users to choose the user-friendly features and options that most appropriately fit their business needs:

- Touchpad scroll zone lets users maneuver seamlessly through documents or web pages

- Ambient light sensor adjusts the brightness of the display based on the amount of light in the environment

- Optional external ultra slim MultiBay II drive allows users to swap optical drives with secondary hard drives for increased storage capacity to back up valuable data

- Flexible Docking Station solutions make it easy for users to attach/detach their notebooks and to conveniently manage cables

- HP Wireless Assistant enables users to easily identify, manage and turn on or off their wireless devices as necessary, thereby optimising battery life

Get your HP notebook today

To find out how easily you can afford an HP Compaq nc8230 Notebook PC, call your HP representative or go to www.hp.com/notebooks

Security

Protect your notebook from unauthorised access with enhanced security features: HP ProtectTools, integrated Smartcard Reader, TPM Embedded Security Chip (optional), and HP Drivelock technology which helps prevent data from being compromised in the event the notebook is lost or stolen.

Reliability

The HP Compaq nc8230 Notebook PC is designed to meet tough business standards by providing users with a variety of reliability features and a durable (magnesium alloy) design that will give them confidence in their computers.

- The HP Mobile Data Protection System helps protect the hard drive from shock and vibration and helps reduce the risk of data corruption

- The scratch-resistant In-mold Lamination keeps the notebook PC looking newer longer

- The HP Panel Protection System helps prevent the display from scuffing and scratching

- The spill-resistant keyboard helps minimise the risk of damage to sensitive, critical components underneath the keyboard

Backed by HP Services

HP Compaq Notebook PCs are backed by HP world-class global services and solutions which simplify and support your business and IT needs. HP and its value-added resellers and solutions providers have the infrastructure and highly skilled professionals that can help you purchase, maintain and utilise the technology you need to take your business to the next level.

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

[2] Sold separately.

HP Compaq nc8230 Notebook PC

Technical specifications

HP recommends Microsoft® Windows® XP Professional

Processor	Intel® Pentium® M processor 770* (2.13-GHz, 533-MHz FSB, 2-MB L2 cache) Intel® Pentium® M processor 760* (2.0-GHz, 533-MHz FSB, 2-MB L2 cache) Intel® Pentium® M processor 750* (1.86-GHz, 533-MHz FSB, 2-MB L2 cache) Intel® Pentium® M processor 740* (1.73-GHz, 533-MHz FSB, 2-MB L2 cache) Intel® Pentium® M processor 730* (1.6-GHz, 533-MHz FSB, 2-MB L2 cache) *Intel's numbering is not a measurement of higher performance.*
Chipset	Mobile Intel® 915GM Express Chipset
Memory	DDR II SDRAM, 400 or 533-MHz, two SODIMM slots, 256/512/1024-MB upgradeable to 2048-MB maximum
Hard drive	40/60/80-GB 5400 rpm, 60GB 7200 rpm
MultiBay II devices[1]	Ultra-slim 9.5-mm drives: 2X DVD+/−RW, 24X DVD/CD-RW Combo, 8x DVD-ROM, second hard drive
Display	15.4-inch WXGA (1200 x 800 resolution and 16 M colours), 15.4-inch WSXGA+ wide-viewing angle (1680 x 1050 resolution and 16 M colours), 15.4-inch WUXGA wide-viewing angle (1920 x 1200 resolution and 16 M colours), ambient light sensor
Graphics	ATI Mobility Radeon X600 with discrete PCI Express and 64 MB or 128 MB of video memory
Audio	HP Premier Sound 16-bit sound, line out/headphone jack, microphone jack, integrated microphone
Wireless[2] **support**	Intel® Pro/Wireless 2200BG, Intel® Pro/Wireless 2915ABG (Centrino™ capable), Broadcom 802.11b/g WLAN, Broadcom 802.11a/b/g WLAN, dual display mounted antennas, optional integrated Bluetooth™[3]
Communications	NetXtreme Gigabit PCI Express Ethernet Controller[4] (10/100/1000 NIC), 56K modem, HP power down NIC technology
Expansion slots	1 Type I/II PCMCIA PC card slot supports 32-bit CardBus and 16-bit cards, 1 integrated Smartcard Reader, 1 secure digital slot
Ports and connectors	3 USB 2.0, VGA, audio in/out, RJ-11, RJ-45, S-video TV out, serial, 1394, Fast IR, docking
Keyboard	Full-sized keyboard
Pointing device	Enhanced dual pointing devices (touchpad and pointstick) with three pick buttons or touchpad only with two pick buttons, both come with scroll zone
Operating system	Microsoft® Windows® XP Professional Edition; Microsoft® Windows® XP Home Edition (select countries only)
Software	Operating system updates: Microsoft® Windows® Media Player 10; Microsoft® .NET Framework 1.1; Microsoft® DirectX 9; Sun Java™ VM Applications and utilities: HP Mobile Printing Driver for Windows; HP Wireless Assistant—select models; Adobe Acrobat Reader; HP Client Manager Software (available from the web) Security and recovery: HP Local Recovery; Norton AntiVirus Data burning: Sonic RecordNow 7—select models; Sonic DLA 4—select models DVD playback: Intervideo WinDVD 5—select models Digital video: Intervideo WinDVD Creator 2—select models
Security	HP ProtectTools, HP Drivelock, integrated Smartcard Reader, TPM Embedded Security Chip (optional), Kensington lock slot
Dimensions (h x w x d)	28 mm (at front) x 356 mm x 264 mm/1.1 inches (at front) x 14.0 inches x 10.4 inches
Weight	Starting at 2.63 kg/5.8 lb
Power	8-cell high-capacity Lithium-Ion battery, secondary 8-cell HP Travel Battery[1], external 90 W AC adaptor, HP Fast Charge technology
Expansion solutions[1]	HP Advanced Docking Station, HP Docking Station, HP External MultiBay II
Warranty	Three-year standard parts and labour warranty, depending on model (upgrades available[1])

[1] Sold separately.
[2] Wireless access point required and is not included. Availability of public wireless access points limited. Wireless Internet use requires separately purchased Internet service contract.
[3] Bluetooth is a trademark owned by its proprietor and used by Hewlett-Packard Company under license.
[4] 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.