

Keep your business moving. The HP Compaq 2230s Notebook PC helps keep you connected and productive so your office goes with you. This newly-designed notebook is a comfortable fit for any budget and comes with the latest Intel® Core™2 Duo processors, Wi-Fi CERTIFIED™ WLAN, Bluetooth®, a 12.1-inch diagonal widescreen display, and an integrated optical drive.



Sleek new satin black design
A stylish notebook with lustrous, reflective black-on-black surfaces and a slim profile – yet with all the essential business features.

Many ways to stay connected
Wi-Fi CERTIFIED™ WLAN and integrated Bluetooth® wireless technology keep you in touch with the Internet and your peripherals.

12.1-inch diagonal widescreen display.
HP BrightView display that improves the brightness, contrast and clarity of your notebook display screen providing a more vivid image similar to a plasma or LCD television display.

Integrated optical drive.
The optional DVD+/-RW SuperMulti DL LightScribe Drive lets you add silkscreen-quality, custom labels that you can burn directly to your disc.

Intel® Core™2 Duo processors.
With Intel® Core™2 Duo processors, experience new levels of system responsiveness when running multiple applications and smarter battery performance designed to help extend mobility.

HP Compaq 2230s Notebook PC

HP recommends Windows Vista® Business.

S-series
Business computing made affordable.

Specifications

Operating system	Preinstalled: Genuine Windows Vista® Business 32 Genuine Windows Vista® Home Basic 32 Free DOS	Supported: Genuine Windows® XP Professional
Processor²	Intel® Core™2 Duo Processor T9600 (2.80 GHz, 6 MB L2 cache, 1066 MHz FSB) Intel® Core™2 Duo Processor T9400 (2.53 GHz, 6 MB L2 cache, 1066 MHz FSB) Intel® Core™2 Duo Processor P9500 (2.53 GHz, 6 MB L2 cache, 1066 MHz FSB) Intel® Core™2 Duo Processor P8600 (2.40 GHz, 3 MB L2 cache, 1066 MHz FSB) Intel® Core™2 Duo Processor P8400 (2.26 GHz, 3 MB L2 cache, 1066 MHz FSB) Intel® Core™2 Duo Processor T5870 (2.00 GHz, 2 MB L2 cache, 800 MHz FSB) Intel® Core™2 Duo Processor T5670 (1.80 GHz, 2 MB L2 cache, 800 MHz FSB) Intel® Celeron Processor 585 (2.16 GHz, 1 MB L2 cache, 667 MHz FSB) Intel® Celeron Processor 575 (2.00 GHz, 1 MB L2 cache, 667 MHz FSB)	
Chipset	Mobile Intel® GM45 Express chipset with ICHM9	
Memory³	DDR2 SDRAM, 800MHz, two slots supporting dual channel memory, 1024/2048/3072/4096MB SODIMMs, up to 8192MB total	
Internal Storage⁶	120/160/250/320GB 5400rpm SATA HDD, HP 3D DriveGuard	
Removeable Storage³	Fixed 12.7mm SATA optical drive: Blu-ray ROM DVD+/-RW SuperMulti DL Drive ¹⁰ , DVD+/-RW SuperMulti DL LightScribe Drive, DVD/CD-RW Combo Drive, DVD-ROM drive	
Display	12.1-inch diagonal WXGA Anti-Glare (1280 x 800), 12.1-inch diagonal WXGA BrightView (1280 x 800)	
Graphics	Mobile Intel Graphics Media Accelerator X4500M HD graphics, Microsoft DirectX 10 capable	
Audio	High definition audio, stereo speakers, stereo headphone/line out, stereo microphone in, integrated microphone	
Wireless support^{4,5}	Intel 802.11a/b/g/n draft 2.0, Broadcom 802.11a/b/g/n draft 2.0, b/g, Bluetooth® 2.0, HP Wireless Assistant	
Communications¹²	Marvell Gigabit Ethernet Controller (10/100/1000 NIC), 56K v.92 modem	
Expansion slots	1 ExpressCard/34 slot, Media Card Reader	
Ports and connectors	3 USB 2.0 ports, VGA, stereo microphone in, stereo headphone/line out, power connector, RJ-11/modem, RJ-45/Ethernet, HDMI	
Input device	Full-sized keyboard, touchpad with scroll zone	
Software	HP Recovery Manager (Windows Vista® only), HP Help and Support Center, HP Universal Print Driver, HP ProtectTools Security Manager, HP Quick Launch Buttons, HP Wireless Assistant, Microsoft Office Ready with 60-day Office Professional 2007 Trial (select models), Roxio Creator Business (for optional DVD+/-RW and DVD/CDRW drives), Synaptics Touchpad Driver, McAfee Total Protection ¹¹ , Intervideo WinDVD – DVD/Blu-ray Disc Player, Microsoft® Windows Live Messenger (select models), HP Webcam Software (with optional VGA webcam), PDF Complete SE	
Security	Standard: HP ProtectTools Security Manager, Enhanced Pre-Boot Security, HP SpareKey, One-Step Logon, HP Fingerprint Sensor, Configuration Control Hardware, Memory Change Alert, Ownership Tag, Setup Password, Power-on Password, HP Disk Sanitizer, HP 3D DriveGuard, Kensington Lock Slot	
Dimension (h x w x d)	1.1 (at front) x 11.57 x 8.9 in / 28 (at front) x 294 x 226 mm	
Weight	Starting at: 1.62kg (weight will vary by configuration)	
Power	4-cell (37 Whr) Lithium-Ion battery, 65W HP Smart AC Adapter, HP Fast Charge ⁷	
Expansion solutions⁸	HP Basic Adjustable Notebook Stand	
Warranty	limited 3-year, 1-year and 90-day warranty options available depending on country, 1-year limited warranty on primary battery	

Footnote

1. Certain Windows Vista product features require advanced or additional hardware. See www.microsoft.com/windowsvista/getready/hardwarereq.mspx and www.microsoft.com/windowsvista/getready/capable.mspx for details. Windows Vista Upgrade Advisor can help you determine which features of Windows Vista will run on your computer. To download the tool, visit www.windowsvista.com/upgradeadvisor.
2. Dual Core is a new technology designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. 64-bit computing on Intel architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. See www.intel.com/info/em64t for more information.
3. Do not copy copyright protected materials. Intended for creation and storage of your original material and other lawful uses. Double layer discs can store more data than single layer discs. Double-layer discs burned with this drive may not be compatible with many existing single-layer DVD drives and players. LightScribe creates a monochrome image. LightScribe media required and sold separately. Note that DVD-RAM cannot read or write to 2.6 GB Single Sided/5.2 GB Double Sided - Version 1.0 media. Wireless access point required and is not included. Availability of public wireless access points limited. Wireless, internet, and VoIP require separately purchased service contract.
4. WiFi access point and Internet service required and not included. Availability of public wireless access points limited. Wireless, internet and VoIP require separately purchased service contract.
5. The specifications for the 802.11n WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11n WLAN devices.
6. For hard drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 8 GB (for XP) and 10 GB (for Vista) of system disk is reserved for the system recovery software.
7. HP Fast Charge technology recharges your battery up to 90% within 90 minutes when the system is off.
8. Sold separately or purchased as an optional feature.
9. Dual Channel is only supported when the system is configured with DDR2 symmetric memory (ie: 2x256).
10. As Blu-Ray is a new format containing new technologies, certain disc, digital connection, compatibility and/or performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems is not guaranteed. HD-DVD movies cannot be played on this device.
11. 60-day trial period. Internet access required to receive updates. First update included. Subscription required for updates thereafter. This McAfee Total Protection for Small Business software is licensed to you by McAfee under the terms of the McAfee end user license agreement which can be read at www.mcafee.com
12. 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 is required.



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PROTECT YOUR HARD DRIVE FROM
KNOCKS, BUMPS AND DROPS.

HP 3D DRIVEGUARD

BUSINESS IS
PERSONAL.



HP Compaq 2230s
Notebook PC

ENJOY HP PROFESSIONAL INNOVATIONS WITH THE HP COMPAQ 2230S NOTEBOOK PC

Built to protect

- Permanently destroy selected files and folders, so that they cannot be easily recovered with **HP File Sanitizer**.
- **Enhanced Pre-Boot Security** makes it perfect for use in a multi-user environment.
- In the event that you have forgotten your password, **HP SpareKey** will identify you by asking 3 personal questions. That makes secure access simple yet convenient.

Built to simplify

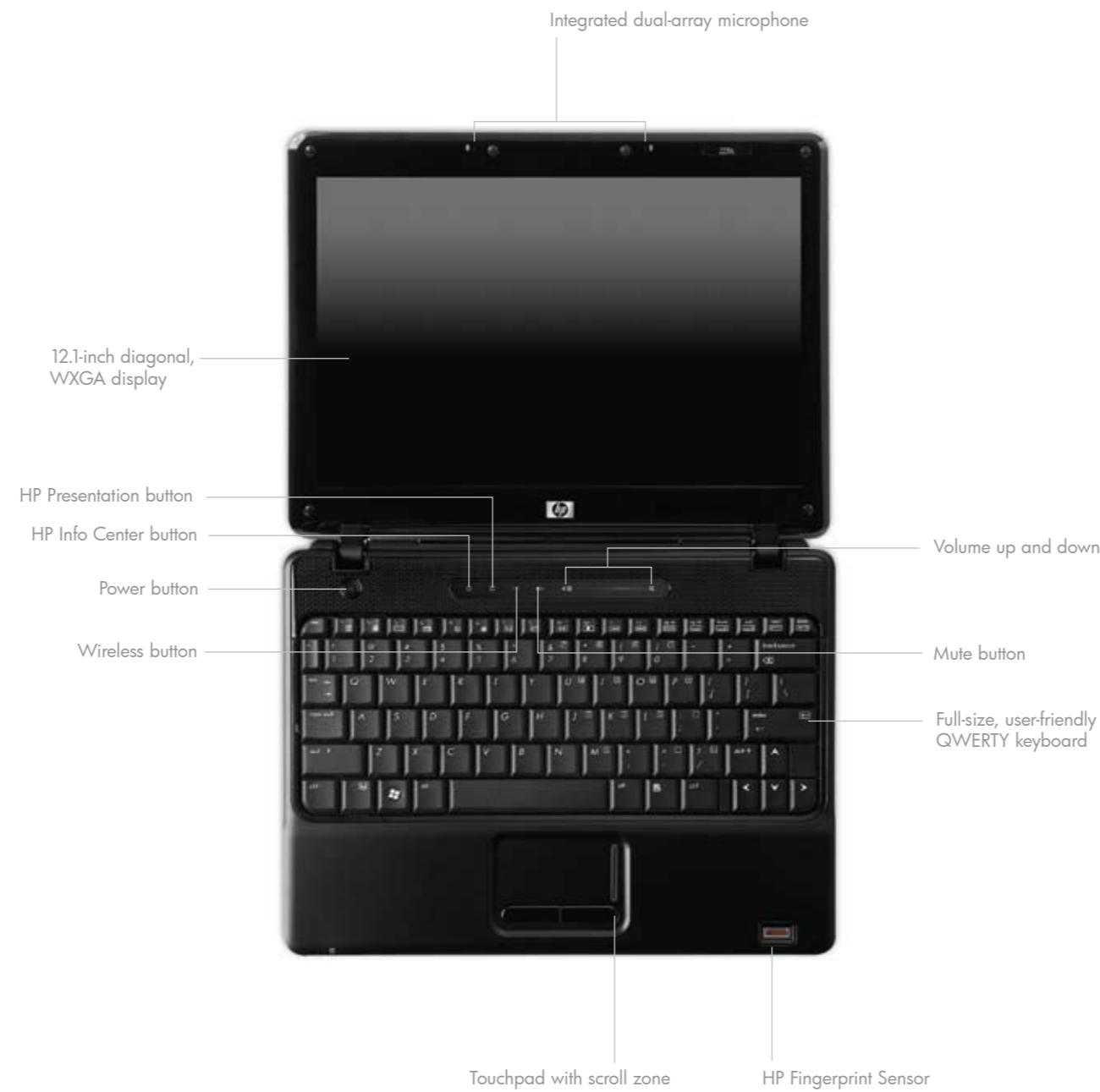
- **Blu-ray/DVD** writer helps you share and backup huge amounts of data efficiently.
- **HP SoftPaq Download Manager** makes updating of software easy with its centralised interface.
- **HP Basic Adjustable Notebook Stand** offers outstanding ergonomics to relieve eye and body fatigue.

Built to last

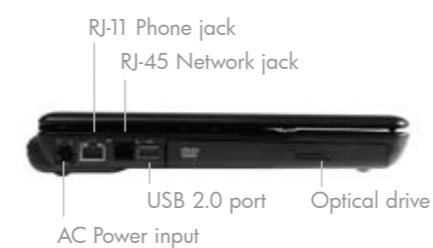
- Enjoy enhanced durability and protection from wear and tear with **HP Panel Protection System**.
- Reduce risk of corruption or loss of data and protect your notebook from system failures caused by operational shock with **HP 3D DriveGuard**.



KEY FEATURES



Left view



Front view



Right view



Back view



Memory – Extract maximum performance from your notebook.



HP Memory DDR2 800 MHz
Part No: KT292AA

Storage solutions – Expand your business storage capability.



HP 250GB Pocket Media Drive
Part No: FE477AA

Adapter solutions – Power and charge your battery simultaneously.



HP 90W Smart AC Adapter
Part No: ED495AA



HP 65W Air/Auto/AC Smart Combo Adapter
Part No: ED993AA

Security options – Keeping your data and notebook safe.



HP/Kensington Security Cable Lock
Part No: PC766A

Input device – Efficient and precise business input.



HP USB Optical Travel Mouse
Part No: RH304AA

Case – Stylish protection for your notebook.



HP Universal Nylon Case
Part No: RR315AA

HP recommends Windows Vista® Business.

- Certified HP Memory maximises system performance and creates faster startup times with less delay during routine operations.

- HP 250GB Pocket Media Drive provides convenient access to additional storage through your notebook USB port.

- HP Smart AC power adapters power your notebook and charge the internal battery simultaneously. These adapters provide you with the ability to power your notebook when away from the office or on the road.

- Made from high grade steel and Kevlar brand fibre, you can have peace of mind that your notebook and docking station are safely secured.

- Compact, light and convenient, the ideal USB travel mouse for your notebook.

- The HP Universal Nylon Case is built to the highest standards of design and quality and incorporates high-density foam and cushioning to protect your notebook while traveling. Designed specifically for HP notebooks for optimal protection, it also features easy-access exterior front pockets for mobile accessories.

HP UNIVERSAL ACCESSORIES

HP offers you a comprehensive range of accessories to enhance and enrich your computing experience.