



## HP Compaq 8510p Notebook PC

POWER PLUS PORTABILITY.  
Intense graphics in a highly mobile design



HP recommends Windows Vista® Business

### A lightweight solution for heavy thinkers

The HP Compaq 8510p gives you exceptional graphics and performance in a powerful yet portable 15.4-inch diagonal widescreen notebook weighing only 6.1 lbs and as thin as 1.1 in.

### Experience your work in high definition

Work in a true 64-bit computing environment<sup>2</sup> with support for up to 4 GB of memory to run the most demanding applications. Next-generation graphics with DirectX 10 and Dual Link DVI support gives you faster rendering capabilities and support for ultra-high resolution monitors. The optional Blu-ray DVD+/-RW SuperMulti DL Drive<sup>3</sup> lets you play and burn high-definition content up to 50 GB (five times that of traditional DVDs) on a single Blu-Ray dual-layer disc, while the HDMI connector provides an easy way to connect to high-definition televisions and displays with one convenient cable.

### Empower your business

Intel® Centrino® Pro<sup>10</sup> processor technology helps reduce the total cost of operating and managing your PCs with built-in remote manageability and proactive security. Plus, compatibility with a range of HP Universal Accessories gives you a fully outfitted business notebook

### Enjoy wireless in more places

Whether you're across the street or across the country, the optional HP Broadband Wireless<sup>4,5,6</sup> allows you to conveniently stay connected in more places.

HP Professional Innovations help you focus on your business

**Built to protect.** An array of multi-layered, customizable security solutions help defend your network, your applications, and your data. The new Drive Encryption for HP ProtectTools encrypts all information on the hard drive volume so it becomes unreadable to an unauthorized person.

**Built to simplify.** Boost your productivity while maximizing simplicity with features such as HP QuickLook. Quickly browse your email, calendars, and contact information with a touch of a button whether your PC is turned on or not. (Windows Vista Required)

**Built to last.** Reliable features such as HP DuraKeys, HP DuraFinish, magnesium alloy display enclosure, and HP 3D DriveGuard help your notebook go the distance.

# HP Compaq 8510p Notebook PC

## HP recommends Windows Vista® Business

|                                   |                                                                                                                                                                                                                                        |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating system                  | Preinstalled: Genuine Windows Vista Business 32/64, <sup>1</sup> Genuine Windows XP Professional, FreeDOS; Supported: Genuine Windows Vista Enterprise, <sup>1</sup> Genuine Windows 2000; Certified: SuSe Linux Enterprise Desktop 10 |
| Processor <sup>2</sup>            | Intel® Core™2 Duo (up to 2.6-GHz, 6-MB L2 cache), Intel® Core™ 2 Duo (up to 2.4-GHz, 4-MB L2 cache)                                                                                                                                    |
| Chipset                           | Mobile Intel PM965                                                                                                                                                                                                                     |
| Memory                            | DDR2 SDRAM, 667-MHz, two SODIMM slots supporting dual channel memory, 1024/2048-MB                                                                                                                                                     |
| Internal Storage <sup>7</sup>     | SATA 120/160/250-GB 5400 rpm, 80/120/160-GB 7200-rpm, HP 3D DriveGuard                                                                                                                                                                 |
| Removable media <sup>3</sup>      | 12.7-mm optical drives: Blu-ray Disc DVD+/-RW SuperMulti DL, DVD+/-RW SuperMulti DL LightScribe, DVD+/-RW SuperMulti DL, DVD/CD-RW Combo, DVD-ROM                                                                                      |
| Display                           | 15.4-inch diagonal: WXGA, WSXGA+ WVA                                                                                                                                                                                                   |
| Graphics <sup>8</sup>             | ATI Mobility Radeon HD 2600, 256 MB of video memory (512-MB Hypermemory)                                                                                                                                                               |
| Audio                             | High Definition Audio, stereo speakers, stereo headphone/line out, stereo microphone in, integrated microphone                                                                                                                         |
| Wireless support <sup>4,5,6</sup> | Optional HP EV-DO A (Verizon or Sprint) or HP HSDPA (AT&T/Cingular) Broadband Wireless, Intel PRO/Wireless 802.11a/b/g draft-n, 802.11 a/b/g and Broadcom 802.11a/b/g, Bluetooth™ 2.0, HP Wireless Assistant                           |
| Communications                    | Intel Gigabit Network Connection (10/100/1000 NIC), <sup>9</sup> 56K v.92 modem                                                                                                                                                        |
| Expansion slots                   | 1 Type I/II PC Card slot supports 32-bit CardBus and 16-bit cards, Secure Digital slot                                                                                                                                                 |
| Ports and connectors              | 4 USB 2.0 ports, VGA, HDMI, stereo microphone in, stereo headphone/line out, 1394a, power connector, RJ-11/modem, RJ-45/ethernet, docking connector, secondary battery connector                                                       |
| Input device                      | Full-sized keyboard, enhanced dual pointing devices (touchpad with scroll zone and pointstick)                                                                                                                                         |
| Manageability                     | Intel® Centrino® Pro processor technology capable (select configurations), <sup>10</sup> HP Backup and Recovery Manager, HP Client Manager Software, HP OpenView Radia Management Agent, HP Client Management Interface                |
| Security                          | HP ProtectTools, TPM Embedded Security Chip 1.2, <sup>11</sup> HP Fingerprint Sensor, Symantec Norton Internet Security, integrated Smart Card Reader; Sold separately: Kensington lock, HP Privacy Filter                             |
| Dimensions (h x w x d)            | 1.1 in (at front) x 14.0 in x 10.24 in                                                                                                                                                                                                 |
| Weight                            | Starting at weight: 6.1 lbs (weight will vary by configuration)                                                                                                                                                                        |
| Power                             | 8-cell Lithium-Ion Battery (73 WHr) with HP Fast Charge, 90W HP Smart AC Adapter; HP Extended Life (52 WHr) and HP Ultra-Capacity (95 WHr) Batteries sold separately                                                                   |
| Expansion solutions               | Sold separately: Docking Stations, External MultiBay II, Monitor Stand, Adjustable Notebook Stand                                                                                                                                      |
| Warranty                          | Limited 3-year warranty; 1-year limited warranty on primary battery                                                                                                                                                                    |

**1.** Certain Windows Vista product features require advanced or additional hardware. See [www.microsoft.com/windowsvista/getready/hardwareregs.aspx](http://www.microsoft.com/windowsvista/getready/hardwareregs.aspx) and [www.microsoft.com/windowsvista/getready/capable.aspx](http://www.microsoft.com/windowsvista/getready/capable.aspx) 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](http://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/em64l](http://www.intel.com/info/em64l) 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. **4.** Wireless, internet, and VoIP use requires separately purchased service contract. Check with service provider for availability and coverage in your area. Available in select countries only. **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 PC to communicate with other 802.11n WLAN devices. **6.** Wireless access point required and is not included. Availability of public wireless access points limited. **7.** 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. **8.** Shared video memory (UMA) uses part of the total system memory for video performance. System memory dedicated to video performance is not available for other use by programs. **9.** 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/s. For high speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required. **10.** Some functionality of Intel Centrino Pro, such as Intel Active management technology and Intel Virtualization technology, requires additional 3rd party software. Availability of future "virtual appliances" applications is dependent on 3rd party software providers. Compatibility of this generation of Centrino Pro technology-based hardware with future "virtual appliances" and Windows Vista is to be determined. **11.** TPM module disabled where not permitted by law.

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