



## HP Compaq 8200 Elite Series Business PC

Manage better. Control More.

An elite, performance enhanced PC designed for business. Includes new levels of performance and efficiency in a stable, reliable business PC platform.



HP recommends Windows® 7 Professional.

### Elite: THE business platform

The HP Compaq 8200 Elite Series incorporates the newest developments in business PC technology for corporate applications. The Elite Series delivers the features and capabilities businesses look for in a business PC, including stability and lifecycle assurance, security and remote management technologies and solutions that are integral to IT managers.

### Superior business PC technology

You'll find the latest innovations combined with HP's engineering excellence and new BIOS designs make the HP Compaq 8200 Elite Series the right choice for you today and tomorrow. HP's elite business PC delivers up to 40 percent better performance<sup>1</sup> and 15 percent faster hard drive access<sup>1</sup>. A range of graphics solutions -- including a new discrete graphics option on the Ultra-slim Desktop -- are available, offering up to 70 percent better graphics performance<sup>1</sup>. Featuring Intel® 2nd Generation Core™ processors which provide hardware-based remote management technologies that enable a stable, secure and reliable IT infrastructure.

The included HP ProtectTools™ Security Suite<sup>2</sup> helps provide protection for your PCs and verifies they do not become points of vulnerability. HP ProtectTools™ allows you to adopt only the modules that meet your security needs.

### Efficiency and the environment

HP has designed this product with materials free of brominated flame retardants<sup>3</sup> (BFRs) and

polyvinyl chloride<sup>3</sup> (PVC) to support your environmental initiatives. Reduce your impact on the environment and help lower operating costs with ENERGY STAR® qualified models certified as EPEAT® Gold. Easily optimize the PC's power settings with HP's exclusive Power Assistant<sup>4</sup> application. You're in control with HP Elite Series' energy efficient options. With HP's expertise in PC design and architecture, the result is our highest performing and most efficient line of business PCs to date with up to 50% greater energy efficiency.<sup>5</sup>

### Stable, useful design

The HP Elite Series is capable of being deployed in just about any business or institutional situation. Choose the Ultra-Slim Desktop with flexible mounting options, Small Form Factor, Microtower, or Convertible Minitower for the most expansion flexibility. Keeping the needs of businesses in mind, line in and line out ports and USB ports are up front for convenience and you have the option to connect dual external monitors via VGA and DisplayPort connectors to help you work more productively.<sup>6</sup>

A cornerstone of HP business class PCs is a long product lifecycle. When your deployments are scheduled over a lengthy period of time it's good to know you'll be able to get the same chassis over multiple deployments. Plan for a minimum of 15 months availability for the HP Compaq 8200 Elite Series.

For more information about the HP Compaq 8200 Elite visit us at [www.hp.com/go/desktop](http://www.hp.com/go/desktop).



# HP Compaq 8200 Elite Series

HP recommends Windows® 7 Professional.

SPECIFICATIONS	CMT, MT, SFF	USDT
<b>Operating system</b>	<b>Preinstalled</b> (availability varies by region) Genuine Windows 7 Ultimate* or other editions available Genuine Windows Vista Business (32-bit)** Genuine Windows Vista Home Basic** FreeDOS	
<b>Processor<sup>7</sup></b>	Intel® 2nd Generation Core™ i3, i5, i7 Processors; select processors include Intel vPro™ Technology <sup>8</sup>	
<b>Chipset</b>	Intel® Q67 Express	
<b>Memory<sup>9</sup></b>	DDR3 SDRAM; (4) DIMM slots enabling up to 16GB	DDR3 SDRAM; (2) SO-DIMM slots enabling up to 8GB
<b>Internal storage<sup>10</sup></b>	Up to 1TB hard disk drive; up to 160GB solid state drive	Up to 320GB hard disk drive; up to 160GB solid state drive
<b>Removable storage<sup>11</sup></b>	DVD-ROM drive, SuperMulti LightScribe Writer Drive <sup>12</sup> , HP Blu-ray Writer Drive <sup>13</sup> , HP 22-in-1 Media Card Reader	HP Slim DVD-ROM Drive, HP Slim SuperMulti LightScribe Writer Drive <sup>12</sup> , HP Slim Blu-ray Writer Drive <sup>13</sup> , HP Secure Digital (SD) HC Media Reader
<b>Drive bays</b>	CMT: External: (3) 5.25-inch for optical disc drive; Internal: (3) 3.5-inch for hard disk drive MT: External: (2) 5.25-inch for optical disc drive and one 3.5-inch for Media Card Reader; Internal: (2) 3.5-inch for hard disk drive SFF: External: (1) 5.25-inch for optical disc drive and (1) 3.5-inch for Media Card Reader; Internal: (1) 3.5-inch for hard disk drive	Slim bay for optional optical drive, Secure Digital (SD) Reader bay, Internal 2.5" for hard disk drive
<b>Expansion slots</b>	CMT: (3) PCI, (1) PCIe x1 slots, (2) PCIe x16 slot MT: (1) PCI, (1) PCIe x1 slots, (2) PCIe x16 slot SFF: low profile (1) PCI, (1) PCIe x1 slots, (2) PCIe x16 slot	Mini PCI Express, MXM for optional graphics card
<b>Graphics</b>	Integrated Intel® HD Graphics 2000/3000; HP DisplayPort	
<b>Audio</b>	Realtek ALC261 audio codec, internal speaker, microphone and headphone front ports	
<b>Communications</b>	Integrated Intel 82579M GbE Network Connection supporting vPro remote management technologies NOTE: The integrated network connection is required to support Intel vPro Technology HP 802.11 b/g/n Wireless NIC	
<b>Ports and connectors</b>	Front: (4) USB 2.0 ports, microphone, headphone Rear: (6) USB, VGA, DisplayPort, RJ-45 Ethernet, line in, line out, serial and a second available as an option, parallel available as an option, color coded PS/2 for keyboard and mouse	Front: (4) USB 2.0 ports, microphone, headphone Rear: (6) USB, VGA, DisplayPort, RJ-45 Ethernet, line in, line out, color coded PS/2 for keyboard and mouse
<b>Input devices</b>	HP USB Standard Keyboard and HP USB 2-button optical scroll mouse	
<b>Power</b>	CMT/MT: 320W Power Supply, Active PFC; 90% efficient power supply available as an option SFF: 240W Power Supply, Active PFC; 90% efficient power supply available as an option	135W 87% efficient external power adapter (when configured with integrated graphics) 185W 87% efficient external power adapter (when configured with discrete graphics)
<b>Security</b>	Trusted Platform Module (TPM) 1.2, SATA port disablement (via BIOS), Drive Lock, HP ProtectTools® Security Suite, support for chassis padlocks and cablelock devices	
<b>Software</b>	Microsoft® Office 2010 Preloaded, Purchase Key <sup>14</sup> , HP Power Assistant <sup>4</sup> , Norton Internet Security 2011 <sup>15</sup> , HP ProtectTools® Security Suite <sup>2</sup> , PDF Complete Corporate Edition	
<b>Dimensions (HxWxD)</b>	CMT: 17.6 x 7.00 x 17.5 in (448 x 178 x 445 mm) MT: 14.9 x 7.0 x 17.0 in (377 x 177 x 431 mm) SFF: 4.0 x 13.3 x 14.9 in (100 x 338 x 379 mm)	2.6 x 9.9 x 10 in (66 x 252 x 254 mm)
<b>Weight</b>	CMT: 24.5 lb (11.15 kg); MT: 20.5 lb (9.3 kg); SFF: 16.72 lb (7.6 kg)	6.75 lb (3.07 kg)
<b>Warranty and services<sup>16</sup></b>	3/3/3-year limited warranty, including telephone support 24 X 7; terms and conditions may vary by country and region; other HP Care Pack Services available, see <a href="http://www.hp.com/go/lookuptool">http://www.hp.com/go/lookuptool</a> .	



HP Compaq 8200 Elite Series

HP recommends Windows® 7 Professional.



Monitor sold separately



Convertible Minitower

Ultra-Slim Desktop

Small Form Factor

Microtower



\* Not all features are in all editions of Windows 7. System may require upgraded and/or separately purchased hardware and/or a DVD drive to install the Windows 7 software and take full advantage of Windows 7 functionality. Not all features are in all editions of Windows 7. See <http://www.microsoft.com/windows/windows-7/> for details.

\*\* Certain Windows Vista product features require advanced or additional hardware. See [www.microsoft.com/windowsvista/getready/hardwarereqs.aspx](http://www.microsoft.com/windowsvista/getready/hardwarereqs.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).

1. PCMark05 performance benchmark and comparison testing performed on a similarly configured HP Compaq 8000 Elite SFF and HP Compaq 8200 Elite SFF. Performance profiles: PCMark05 done with the "as shipped" defaults. Actual results may vary based on system configuration and performance will vary over time depending on software installed.
2. HP ProtectTools requires Microsoft Windows.
3. HP Business Desktop PCs are brominated flame retardant and polyvinyl chloride free (BFR/PVC-free); meeting the evolving definition of "BFR/PVC-free" as set forth in the "iNEMI Position Statement on the 'Definition of Low-Halogen Electronics (BFR/CFR/PVC-Free).'" Plastic parts contain <1,000 ppm (0.1 percent) of bromine (if the Br source is from BFRs) and <1,000 ppm (0.1 percent) of chlorine (if the Cl source is from CFRs or PVC or PVC copolymers). All printed circuit board (PCB) and substrate laminates contain bromine/chlorine total <1,500 ppm (0.15 percent) with a maximum chlorine of 900 ppm (0.09 percent) and maximum bromine being 900 ppm (0.09 percent). Service parts after purchase may not be BFR/PVC-free. Power supply, power cords, keyboard, mouse, and DVI-to-VGA adapter are not BFR/PVC free.
4. HP Power Assistant may not be available in all regions. Use of this application is not required. Power calculations and cost calculations are estimates. Results will vary based on variables, which include information provided by the user, time PC is in different power states (on, standby, hibernate, off), time PC is on battery or AC, hardware configuration, variable electricity rates and utilities provider. HP advises customers to use information reported by HP Power Assistant for reference only and to validate impact in their environment. Environmental calculations were based on U.S. EPA eGrid 2007 data found at [www.epa.gov/egrid/](http://www.epa.gov/egrid/). Regional results will vary. Requires Microsoft Windows.
5. Power benchmark and comparison testing performed on a similarly configured HP Compaq dc7900 SFF and HP Compaq 8200 Elite SFF. Power profiles: power measurements were done with the "as shipped" defaults. Power measurements for idle, off, & sleep/standby was conducted per ENERGY STAR guidelines. Actual results may vary based on system configuration and performance will vary over time depending on software installed.
6. Models with Intel® quad-core processors do not include dual-monitor support.
7. 64-bit computing on Intel architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers and applications enabled for Intel® 64architecture. 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](http://www.intel.com/info/em64t) for more information. Dual Core is designed to improve performance of certain software products. Not all customers will necessarily benefit from the use of this technology. Intel's numbering is not a measurement of higher performance.
8. Some functionality of this technology, such as Intel Active management technology and Intel Virtualization technology, requires additional 3rd party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependant on 3rd party software providers. Compatibility with future "virtual appliances" and Microsoft Windows Vista and Windows 7 operating systems is yet to be determined.
9. Maximum memory capacities assume Windows 64-bit operating systems or Linux. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.
10. For hard drives, GB = 1 billion bytes; 1 TB = 1 trillion bytes. Actual formatted capacity is less. Up to 8GB (for XP and XP Pro), up to 10 GB (for Vista), and up to 16 GB (for Windows 7) of disk space is reserved for the system recovery software.
11. Options and accessories sold separately. Availability varies by country.
12. Don't copy copyright-protected materials. Actual speeds may vary. Double Layer is a new technology. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 Double Sided-Version 1.0 Media. LightScribe creates a monochrome image. LightScribe media required and sold separately. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 GB Double Sided – Version 1.0 media.
13. 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. In order for some Blu-ray titles to play, they may require a DVI or HDMI digital connection and your display may require HDCP support. HD-DVD movies cannot be played on this Desktop PC. Don't copy copyright-protected materials.
14. Microsoft Office 2010 Preloaded includes reduced functionality versions of Word and Excel. Purchase of Product Key required to activate full Office 2010 suite available at participating resellers/retailers and <http://www.office.com>.
15. 60 day trial period for Norton Internet Security 2011 software. Internet access required to receive updates. First update included. Subscription required for updates thereafter.
16. Service levels and response times for HP Care Packs may vary depending on geographic location. Restrictions and limitations apply. Service starts at date of hardware purchase. For details, visit [www.hp.com/go/carepack](http://www.hp.com/go/carepack).

© 2011 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. Bluetooth is a trademark of its proprietor and used by Hewlett-Packard Company under license. Microsoft, Windows and Vista are trademarks of the Microsoft group of companies. Intel, Core, Celeron and Pentium are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the U.S. and other countries. To learn more, visit [www.hp.com](http://www.hp.com)