



## EliteBook 8440w Mobile Workstation

Lightweight. Heavy Hitter.

Introducing HP's thinnest and lightest mobile workstation, featuring workstation-caliber graphics that are tested, optimized and certified to run the most demanding applications.



Windows®. Life without Walls™. HP recommends Windows 7.

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### Industrially sophisticated

With a gunmetal finish and a 14.0-inch diagonal LED-backlit HD<sup>7</sup> display, this mobile workstation is designed to meet the tough military standards (MIL-STD 810G)<sup>24</sup> for vibration, dust, humidity, altitude and high temperatures.

### Maximize performance

Workstation caliber graphics combine with ISV testing and certification to provide a high degree of reliability, faster transfer and manipulation of 3D textures. Intel® Core™ i7<sup>4</sup> and Intel® Core™ i5<sup>4</sup> processors deliver intelligent technology for outstanding performance on the most demanding tasks. And the exclusive HP Performance Tuning Framework lets you customize your design and engineering programs to improve your productivity and maximize graphics performance.

### Make connections

HP SkyRoom provides visual collaboration – directly from your notebook. It combines seamless hi-fidelity audio, high-definition video, and high-performance 3D application sharing – making it easy and convenient for you to get your job done without going anywhere.

### Keep moving

For flexibility, choose from a variety of battery solutions for lightweight configurations or longer battery life. Integrated HP Mobile Broadband<sup>9</sup> allows you to conveniently access the internet, company intranet and e-mail, in more places.

### HP Professional Innovations help you focus on your business

Built to last. Enhanced reliability features such as HP DuraCase give you a durable device that has been tested at extreme temperatures of over 60 °C/140 °F and below -29 °C/-20 °F.<sup>24</sup>

Built to simplify. HP QuickLook 3 provides read and write capability of email, calendar, task and contact information in seconds at the touch of a button, without having to boot up.<sup>12</sup>

Built to conserve. HP Power Assistant<sup>14</sup> measures and logs reported platform energy usage and delivers comprehensive reporting (time, watts, energy cost and carbon footprint).

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THE COMPUTER  
IS PERSONAL  
AGAIN.



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## SPECIFICATIONS

<b>Operating system</b>	<b>Preinstalled</b> Genuine Windows® 7 Professional <sup>1</sup> Genuine Windows XP Professional available through downgrade rights from Windows 7 Professional <sup>1,3</sup> Genuine Windows Vista Business <sup>2</sup> FreeDOS	<b>Supported</b> Genuine Windows Vista Enterprise <sup>2</sup> Genuine Windows Vista Business <sup>2</sup> Genuine Windows XP Professional <b>Certified:</b> SUSE Linux Enterprise Desktop 11
<b>Processor</b>	Intel® Core™ i7 <sup>4</sup> Mobile Processor Family with Turbo Boost Technology; Intel® Core™ i5 <sup>4</sup> Mobile Processor Family with Turbo Boost Technology	
<b>Chipset</b>	Mobile Intel QM57 Chipset	
<b>Memory</b>	DDR3 SDRAM, 1333 MHz, * two slots supporting dual-channel memory, <sup>16</sup> 1024/2048/4096 MB SODIMMs, up to 8192 MB total *Memory speed is processor dependent	
<b>Internal Storage<sup>15</sup></b>	250/320/500 GB 7200 rpm SMART SATA II HDD (with HP 3D DriveGuard); or 160/256 GB Solid State Drive	
<b>Upgrade Bay</b>	Fixed 12.7-mm SATA optical drive (Blu-ray R/RE DVD+/-RW SuperMulti DL Drive; <sup>5,6</sup> DVD+/-RW SuperMulti DL LightScribe Drive; <sup>5</sup> DVD-ROM Drive); secondary hard drive (500 GB 7200 rpm HDD), or weight saver	
<b>Display</b>	14.0-inch diagonal LED-backlit HD <sup>7</sup> anti-glare (1366 x 768), 14.0-inch diagonal LED-backlit HD+ anti-glare (1600 x 900)	
<b>Graphics</b>	Discrete: NVIDIA Quadro FX 380M, with 512 MB dedicated video memory	
<b>Audio/Visual</b>	High Definition Audio, stereo speakers, stereo headphone/line out, stereo microphone in, integrated dual-microphone array, optional integrated 2 MP Webcam <sup>15</sup>	
<b>Wireless Support<sup>8,9,21</sup></b>	Optional HP un2420 EV-DO/HSPA Mobile Broadband Module (requires mobile network operator service), GPS-enabled; Intel Centrino 802.11 a/b/g/n; Bluetooth™ 2.1; HP Wireless Assistant, HP Connection Manager 3.1	
<b>Communications<sup>19</sup></b>	Intel Gigabit Ethernet (10/100/1000) NIC, 56K v.92 modem	
<b>Ports and Connectors</b>	3 USB 2.0 ports, 1 eSATA /USB 2.0 combo port, VGA, DisplayPort, stereo microphone in, stereo headphone/line out, 1394a, power connector, RJ-11/modem, RJ-45/Ethernet, docking connector, secondary battery connector	
<b>Expansion slots</b>	1 ExpressCard/54 slot, Secure Digital slot	
<b>Input device</b>	Full-sized keyboard with drains, enhanced dual pointing devices (touchpad and pointstick) with scroll zone, optional 2 MP Webcam with Business Card Reader Software, touch-sensitive controls	
<b>Software</b>	HP Recovery Manager (Windows 7 and Vista only), HP QuickLook 3, <sup>12</sup> HP QuickWeb, <sup>13</sup> HP Power Assistant, <sup>14</sup> HP Client Manager Software, HP Client Configuration Management Agent, HP OpenView PC Configuration Management Solutions, HP Performance Tuning Framework, HP SkyRoom	
<b>Security</b>	Standard: Integrated Smart Card Reader, HP ProtectTools, TPM Embedded Security Chip 1.2, Enhanced Pre-Boot Security, HP Spare Key (requires initial user setup), HP Disk Sanitizer, <sup>11</sup> Enhanced Drive Lock, Drive Encryption for HP ProtectTools, Credential Manager for HP ProtectTools, File Sanitizer for HP ProtectTools; <sup>11</sup> Optional: <sup>21</sup> LoJack Pro for HP ProtectTools, HP Fingerprint Sensor, Smart Kensington Lock, HP Privacy Filter, McAfee Security Solution <sup>22</sup>	
<b>Dimensions</b>	1.23 in (at front) x 13.21 in x 9.30 in / 31.3 mm (at front) x 335.6 mm x 236.2 mm	
<b>Weight</b>	Starting at: 4.7 lb / 2.2 kg (weight will vary by configuration)	
<b>Power</b>	9-cell (100 WHr) Lithium-Ion battery, 6-cell (55 WHr) Lithium-Ion battery, optional HP Long Life Battery, optional HP (52 WHr) Extended Life Battery, <sup>10,21</sup> optional HP (95 WHr) Ultra-Capacity Battery, <sup>21</sup> 90W HP Smart AC Adapter, HP Fast Charge <sup>17</sup>	
<b>Expansion Solutions<sup>21</sup></b>	HP Docking Station, HP Advanced Docking Station, HP USB 2.0 Docking Station, HP Essential USB 2.0 Port Replicator, HP Adjustable Notebook Stand, HP Dual-Monitor Stand, HP Monitor Stand	
<b>Warranty</b>	Limited 3-year warranty options available, depending on country, 1-year limited warranty on primary battery or 3-year warranty on HP Long Life Battery. <sup>10</sup> Optional HP Care Pack Services are extended service contracts which go beyond your standard warranties. For more details visit: <a href="http://www.hp.com/go/lookuptool">http://www.hp.com/go/lookuptool</a> .	



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Optional HP Fingerprint Sensor<sup>21</sup>





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1. This 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. See <http://www.microsoft.com/windows/windows-7/> for details.
2. 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).
3. Windows® XP Professional is preinstalled on this system and includes end user rights and media for Windows 7 Professional. You may only use one version at a time. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
4. Dual/Quad Core is 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. Intel's numbering is not a measurement of higher performance.
5. 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. LightScribe media required and sold separately. LightScribe creates a monochrome image. Note that DVD-RAM cannot read or write to 2.6GB single-sided/5.2 GB double-sided – version 1.0 media. Don't copy copy-right protected materials.
6. 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. Models with integrated graphics require Mobile Intel GM45 Express chipset and Windows Vista to support the Blu-Ray DVD drive; models with discrete graphics support it with either Windows Vista or Windows XP.
7. HD content required to view HD images
8. Wireless access point and Internet service is required and is not included. Availability of public wireless access points limited
9. Gobi wireless technology requires separately purchased wireless data service contracts. Check with local service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors.
10. 3 year limited warranty or 1000 cycles. Battery cycles is the total number of full charge/discharge cycles a battery yields before it can no longer hold a useful amount of charge. For more information visit: <http://h20000.www2.hp.com/bizsupport/TechSupport/Document.jsp?lang=en&cc=us&objectID=c00596784>
11. For the use cases outlined in the DOD 5220.22-M Supplement.
12. HP QuickLook 3 is accessible when the notebook is off in Windows XP, Windows Vista or Windows 7-based systems; not supported from hibernation. Timing may vary depending on the system configuration. To enable the feature following the removal of the battery, reboot the notebook prior to subsequent use.
13. HP QuickWeb is accessible when the notebook is off in Windows XP, Windows Vista or Windows 7-based systems; not supported from hibernation. Internet access required. Timing may vary depending on the system configuration. To enable the feature following the removal of the battery, reboot the notebook prior to subsequent use.
14. 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.
15. Internet access required.
16. Maximized dual-channel performance requires SODIMMs of the same size and speed in both memory slots
17. 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.
18. For hard drives, GB = 1 billion bytes. Up to 8 GB (for XP), 10 GB (for Vista) or 15 GB (for Windows 7) of system disk is reserved for the system recovery software.
19. 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.
20. Fast Charge Technology recharges your battery up to 90% within 90 minutes when the system is off. Fast Charge Technology does not apply to the HP Ultra-Capacity battery.
21. Sold separately or purchased as an optional feature.
22. 60 day trial period. Internet access required to receive updates. First update included. Subscription required for updates.
23. The LoJack agent is shipped turned off, and must be activated by customers when they purchase a subscription. Subscriptions can be purchased for terms ranging from one to four years. Service is limited, check with Absolute for availability outside the U.S.
24. Testing was not intended to demonstrate fitness for DOD contracts requirements or for military use. Test results are not a guarantee of future performance under these test conditions.
25. 3 year limited warranty or 1000 cycles. Battery cycles is the total number of full charge/discharge cycles a battery yields before it can no longer hold a useful amount of charge. For more information visit: <http://h20000.www2.hp.com/bizsupport/TechSupport/Document.jsp?lang=en&cc=us&objectID=c00596784>

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