



# EliteBook 8740w Mobile Workstation

Power to Perform

HP's most powerful Mobile Workstation with advanced graphics and performance and a 17.0-inch diagonal display



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

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#### Billion color possibilities

Choose the 17.0-inch diagonal LED-backlit WUXGA+ anti-glare display with exclusive HP DreamColor display technology.<sup>1</sup> Produce accurate and consistent color for precise results every time.

#### Enhance performance to accomplish more

Boost on-screen performance with the ultimate workstation-caliber graphics from ATI and NVIDIA with 1 GB video memory. HP's extensive ISV certification program ensures reliable performance across the most demanding workstations-specific applications.

Enjoy new performance levels with the new 2010 Intel® Core™ i5 and i7 processor families.<sup>2</sup> The quad-core configurations can accommodate up to 16 GB of memory capacity<sup>3,4</sup>. The backlit keyboard simplifies typing in low light.

#### Reliability from our legendary quality measures

Starting at 7.8 lb (3.57 kg), this Mobile Workstation combines premier design with rugged construction. With a gunmetal finish, the HP EliteBook 8740w is designed to meet tough military standards (MIL-STD 810G)<sup>5</sup> for vibration, dust, humidity, altitude, and high temperature.

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

Built to simplify. HP SkyRoom provides convenient video conferencing directly from your notebook with the ability to conference up to four people at a time.<sup>21</sup>

Integrated HP Mobile Broadband allows convenient access to the internet and e-mail in more places than ever<sup>6,7</sup>. Integrated HP Mobile Broadband also includes a Global Positioning System (GPS)<sup>1,8, 24</sup> receiver that supports NMEA-compatible applications, which are often used for asset tracking, mapping or navigation.

HP QuickLook 3<sup>9</sup> provides quick access to email, calendar, contacts and tasks at the touch of a button without long boot-up time. HP QuickWeb<sup>10</sup> grants access to the web in seconds... even if your notebook is turned off.

Built to conserve. HP Power Assistant<sup>11</sup> measures and logs reported platform energy usage and delivers comprehensive reporting (time, watts, energy cost and carbon footprint).

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IS PERSONAL  
AGAIN.



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## SPECIFICATIONS

<b>Operating system</b>	<b>Preinstalled</b> Genuine Windows® 7 Professional <sup>12</sup> Genuine Windows XP Professional available through downgrade rights from Windows 7 Professional <sup>12,13</sup> Genuine Windows Vista Business <sup>14</sup> FreeDOS	<b>Supported</b> Genuine Windows Vista Enterprise Genuine Windows Vista Business  <b>Certified:</b> SUSE Linux Enterprise Desktop <sup>15</sup>
<b>Processor</b>	Intel® Core™ i7 Mobile Processor Family with Turbo Boost Technology; Intel® Core™ i5 Mobile Processor Family with Turbo Boost Technology; <sup>2, 15</sup>	
<b>Chipset</b>	Mobile Intel QM57 Chipset; Intel vPro Technology (optional)	
<b>Memory</b>	DDR3 SDRAM 1333 MHz; two or four slots supporting dual- or quad-channel memory <sup>3</sup> , 2048/4096 MB SODIMMs, up to 16384 MB total with Intel quad-core processor configuration with four memory slots. * With some processors, memory bus runs at a maximum of 1066 MHz.	
<b>Upgrade Bay</b>	Fixed 12.7-mm SATA optical drive (Blu-ray® R/RE DVD+/-RW SuperMulti DL Drive, <sup>22</sup> DVD+/-RW SuperMulti DL LightScribe Drive, or DVD-ROM Drive), or secondary hard drive (500 GB 7200 rpm HDD)	
<b>Internal Storage<sup>23</sup></b>	SATA hard drive: 250/320/500 GB 7200 rpm, HP 3D DriveGuard; Solid-State Drive: 256 GB	
<b>Display</b>	17.0-inch diagonal LED-backlit WSXGA+ WVA anti-glare (1680 x 1050), 17.0-inch diagonal LED-backlit WUXGA+ WVA anti-glare (1920x1200) (optional HP DreamColor)	
<b>Graphics</b>	ATI FirePro M7820 graphics with 1 GB dedicated GDDR5 video memory NVIDIA Quadro FX 3800M graphics with 1 GB dedicated GDDR3 video memory NVIDIA Quadro FX 2800M graphics with 1 GB dedicated GDDR3 video memory Microsoft DirectX 10.1 (NVIDIA) or Microsoft DirectX 11 (ATI) (Shader Model 4.1) and OpenGL 2.1 capable	
<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>16</sup>	
<b>Wireless Support</b>	Optional HP un2420 EV-DO/HSPA Mobile Broadband Module (requires mobile network operator service) <sup>7,8</sup> , GPS-enabled; Intel Centrino 802.11 a/b/g/n <sup>7</sup> ; Bluetooth™ 2.1; HP Wireless Assistant, Connection Manager 3.0	
<b>Communications<sup>17</sup></b>	Intel Gigabit Ethernet (10/100/1000 NIC, 56K v.92 modem)	
<b>Ports and Connectors</b>	2 USB 3.0 ports, 2 USB 2.0 ports, eSATA, VGA, DisplayPort, stereo microphone in, stereo headphone/line out, 1394a, power connector, RJ-11/modem, RJ-45/Ethernet, docking connector, secondary battery connector	
<b>Input Device</b>	Full-sized keyboard with drains, full numeric keypad; optional backlit keyboard <sup>1</sup> ; enhanced dual pointing devices (touchpad and pointstick) with scroll zone; gesture support with pointing devices; optional 2 MP Webcam <sup>16</sup> with Business Card Reader Software; touch-sensitive controls	
<b>Software</b>	HP Recovery Manager (Windows 7 and Vista only), HP Quicklook 3 <sup>9</sup> , HP QuickWeb <sup>10</sup> , HP Power Assistant, <sup>11</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>18</sup> , Enhanced Drive Lock, Drive Encryption for HP ProtectTools, Credential Manager for HP ProtectTools, File Sanitizer for HP ProtectTools <sup>18</sup> ; Optional: Lock for HP ProtectTools <sup>19</sup> , HP Fingerprint Sensor, Smart Kensington Lock, HP Privacy Filter, McAfee Security Solution <sup>1</sup>	
<b>Dimensions</b>	1.4 in (at front) x 15.6 in x 11.2 in / 36.5 mm (at front) x 397.5 mm x 285.5 mm	
<b>Weight</b>	Starting at: 7.8 lb / 3.57 kg (weight will vary by configuration)	
<b>Power</b>	8-cell (73 WHr) Lithium-Ion battery, Long Life 8-cell (68 WHr) Lithium-Ion battery, optional HP (52 WHr) Extended Life Battery, optional HP (95 WHr) Ultra-Capacity Battery, 230W HP Smart AC Adapter, 200W HP Smart AC Adapter, HP Fast Charge <sup>20</sup>	
<b>Expansion Solutions<sup>1</sup></b>	HP Docking Station, HP Advanced Docking Station, HP USB 2.0 Docking Station, HP Essential USB 2.0 Port Replicator, HP Dual Hinge Notebook Stand, HP Display and Notebook Stand, HP Adjustable Display Stand, HP Adjustable Dual Display Stand	
<b>Warranty</b>	Limited 3-year warranty options available, depending on country, 1-year limited warranty on primary battery. 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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1. Sold separately or purchased as an optional feature.
2. 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](http://www.intel.com/info/em64t) for more information. Quad Core is designed to improve performance of multithreaded software products and hardware-aware multitasking operating systems and may require appropriate operating system software for full benefit. Not all customers or software applications will necessarily benefit from use of this technology. Intel's numbering is not a measurement of higher performance.
3. 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.
4. 4DIMM slots are available on select configurations only.
5. 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.
6. Gobi requires a separately purchased service contract. Check with provider for availability and coverage in your area.
7. Wireless access point and Internet service is required and is not included. Availability of public wireless access points limited.
8. GPS access requires an unobstructed path to multiple satellites. Performance may be affected if/when used inside of buildings, bridges or heavily congested metropolitan areas. Requires separately purchased GPS navigation software available from multiple GPS applications.
9. 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.
10. 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.
11. 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.
12. Systems 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.
13. 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.
14. Certain Windows Vista product features require advanced or additional hardware. See [www.microsoft.com/windowsvista/getready/hardwarereqs.mspx](http://www.microsoft.com/windowsvista/getready/hardwarereqs.mspx). 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).
15. Intel® Turbo Boost technology requires a PC with a processor with Intel Turbo Boost capability. Intel Turbo Boost performance varies depending on hardware, software and overall system configuration. See [www.intel.com/technology/turboboost](http://www.intel.com/technology/turboboost) for more information.
16. Requires separately purchased Internet and VoIP service contracts
17. 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.
18. For the use cases outlined in the DOD 5220.22-M Supplement.
19. 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.
20. HP Fast Charge recharges your primary battery up to 90% within 90 minutes when the system is off.
21. Internet access required.
22. As HD DVD 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 HD-DVD titles to play, they may require an HDMI digital connection and your display may require HDCP support. Blu-ray Disc movies cannot be played on this Notebook PC. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 GB Double Sided – Version 1.0 media. Actual speeds may vary. Don't copy copyright-protected materials. Double Layer discs can store more data than single layer discs; 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.
23. GB = a billion bytes. Actual formatted capacity is less. Up to 8GB (for XP and XP Pro), up to 12GB (for Vista) and up to 15GB (for Windows 7) is system disk is reserved for system recovery software.
24. Applications must be NMEA compatible.