

Data sheet

# HP ZBook 14 Mobile Workstation



Deliver your best work on the go using the world's first workstation Ultrabook™<sup>1</sup>



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HP recommends Windows.

Everything you'd expect of the world's first workstation Ultrabook™.<sup>1</sup> HP's lightest mobile workstation—the new HP ZBook 14 utilizes impressive professional 3D graphics. This superbly thin, customizable workstation is light enough to carry when you're on the go—and powerful and reliable enough to carry you through the workday.

## Exceptional innovation

Take powerful computing where you need to work. The innovative sleek design is impressive on the road, at client sites, and satellite offices. The world's first workstation Ultrabook™<sup>1</sup> redefines mobile computing.

Consolidate workstation resources and connect from any computer at any location. With HP Remote Graphics Software (RGS),<sup>2</sup> you can collaborate with colleagues, or utilize the power of servers and workstations back at the office.

Navigate designs, pan and zoom photos or touch your technical applications with the swipe of your finger. It's all at hand with an optional, intuitive 10-point multi-touch screen.<sup>3</sup>

## Engineered to perform

HP's mobile workstation with the latest 4th generation Intel® Core™ i5 or i7<sup>4</sup> processors is optimized for a great balance of energy efficiency and solid performance. Ideal for professional users needing battery life balance in a mobile workstation.

See fine details in your work. The latest AMD FirePro™ graphics feature ISV certifications and Eyefinity technology that lets you run multiple display configurations with a single graphics card.

Optimize this HP ZBook for peak performance. HP Performance Advisor<sup>5</sup> configures your system with updated settings and drivers to help maximize performance.

Get full power of graphics when you need them and longer battery life when using lighter graphic applications. It's automatic and seamless with hybrid graphics.

<sup>1</sup> Not all configurations qualify as an Ultrabook™.

<sup>2</sup> HP Remote Graphics Software requires Windows and an internet connection.

<sup>3</sup> Sold as an optional or add on feature.

<sup>4</sup> Multi-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.

<sup>5</sup> HP Performance Advisor requires Windows and an internet connection.

## True mobile workstation reliability

With the HP Total Test Process, ISV-certifications and passing MIL-STD 810G tests<sup>6</sup> for drops, vibration, shock, dust, humidity, altitude, high and low temperature, and temperature shock, the HP ZBook 14 is reliable and ready for business.

## Intelligent design

No tools needed. Just unlatch the HP Easy Access Door to quickly service your hardware and upgrade parts.

Quickly and easily transfer data and connect to devices. This mobile workstation is packed with multiple ports including USB 3.0 ports, DisplayPort 1.2, a media card slot and more.

See clearly no matter what light you're in with an optional stylish backlit keyboard.<sup>3</sup>

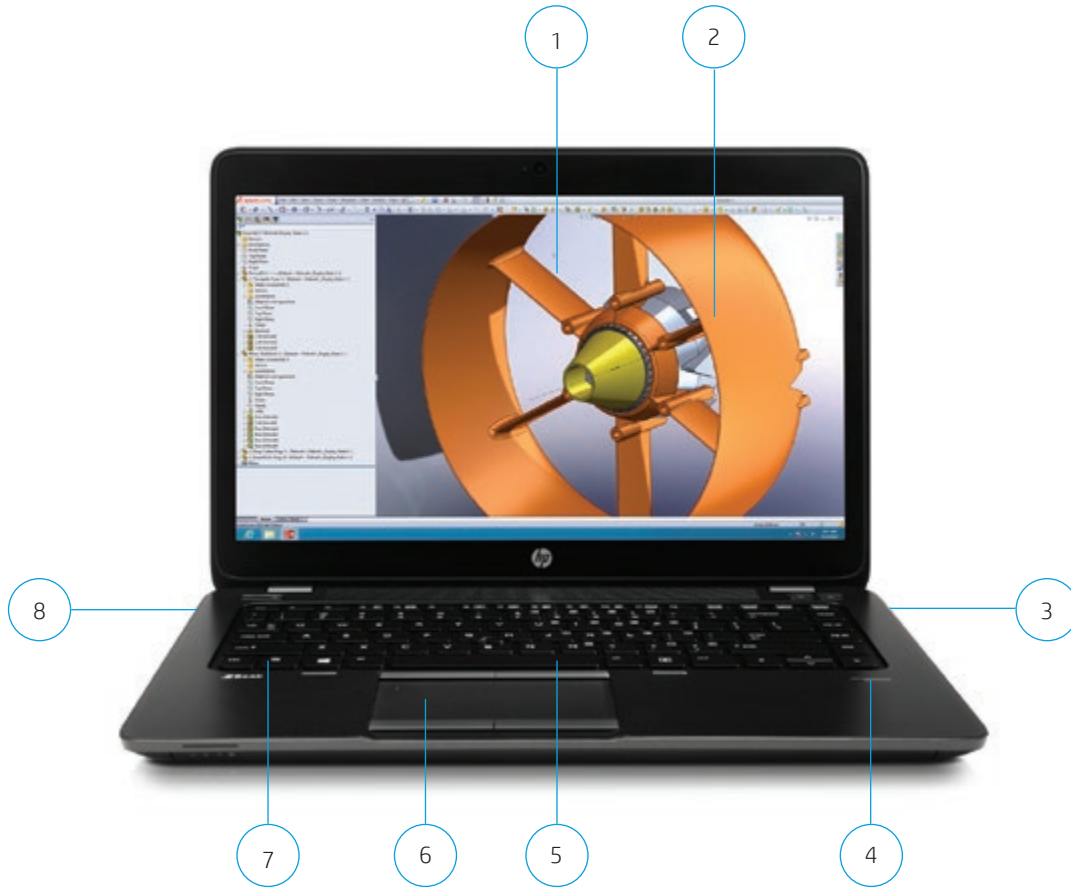
<sup>3</sup> Sold as an optional or add on feature.

<sup>6</sup> MIL-STD testing is pending and is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions.

## HP ZBook 14 Mobile Workstation specifications

<b>Operating system</b>	Windows 8 Pro 64 <sup>7</sup> Windows 8 64 <sup>7</sup> Windows 7 Professional (available through downgrade rights from Windows 8 Pro) <sup>8</sup> Windows 7 Professional 64 <sup>9</sup> Windows 7 Professional 32 <sup>9</sup> SUSE Linux Enterprise Desktop 11 FreeDOS
<b>Processors<sup>4</sup></b>	Intel® Core™ i7-4600U with Intel HD Graphics 4400 (2.1 GHz, 4 MB cache, 2 cores) Intel® Core™ i5-4300U with Intel HD Graphics 4400 (1.9 GHz, 3 MB cache, 2 cores) Intel® Core™ i5-4200U with Intel HD Graphics 4400 (1.6 GHz, 3 MB cache, 2 cores) Intel® Core™ i5 with vPro technology <sup>10</sup> (select models) Intel® Core™ i7 with vPro technology <sup>10</sup> (select models)
<b>Chipset</b>	Chipset is integrated with processor
<b>Memory<sup>11</sup></b>	DDR3L SDRAM, 1600 MHz, 2 SODIMMs, up to 16 GB
<b>Internal storage<sup>12</sup></b>	SATA (7200 rpm), 320 GB, 750 GB, SATA (5400 rpm), 1 TB, SATA SED <sup>13</sup> , 500 GB, SATA FIPS 140-2 SED <sup>13</sup> (5400 rpm), 500 GB, SATA SSD, 180GB, 512 GB, SATA SE SSD, 256 GB, M.2 SSD, 120 GB
<b>Display<sup>14</sup></b>	14-inch diagonal LED-backlit HD SVA eDP anti-glare (1366 x 768); 14-inch diagonal LED-backlit HD+ SVA eDP anti-glare (1600 x 900); 14-inch diagonal LED-backlit HD+ SVA eDP anti-glare touch (1600 x 900); 14-inch diagonal LED-backlit FHD UWVA eDP anti-glare + PSR (1920 x 1080)
<b>Graphics<sup>15</sup></b>	Integrated: Intel® HD Graphics 4400; Discrete: AMD FirePro M4100 (1 GB GDDR5 dedicated) AMD Dynamic Switchable Graphics supported
<b>Audio</b>	DTS Studio Sound HD audio (Windows operating systems only); Integrated stereo speakers; Integrated microphone (dual-microphone array when equipped with optional webcam); Button for volume mute, functions keys for volume up and down; Combo microphone-in/stereo headphone-out jack
<b>Wireless support<sup>3,16,17,18</sup></b>	WLAN: Intel Dual Band Wireless-N 7260NB 802.11a/b/g/n (2x2) Wi-Fi; Intel Dual Band Wireless-N 7260AN 802.11a/b/g/n (2x2) Wi-Fi and Bluetooth 4.0 combo; Intel Dual Band Wireless-AC 7260 802.11ac (2x2) Wi-Fi and Bluetooth 4.0 combo WWAN: HP hs3210 HSPA+ Mobile Broadband Module; HP lt4112 LTE/HSPA+ Gobi4G Module (EMEA); HP lt4111 LTE/EV-DO/HSPA+ Gobi4G Module
<b>Communications</b>	Integrated Intel I218-LM Gigabit Network Connection (10/100/1000)
<b>Ports and connectors</b>	3 USB 3.0; 1 USB 3.0 charging; 1 DisplayPort; 1 stereo microphone-in/headphone-out combo; 1 AC power; 1 RJ-45; 1 side docking connector; 1 VGA
<b>Expansion slots</b>	1 Secure Digital; 1 Smart Card Reader
<b>Input devices</b>	Spill-resistant keyboard and drain, Touchpad with on/off button, two-way scroll, gestures, two pick buttons; Pointstick with three additional pointstick buttons; Image sensor touchpad, 720p HD webcam (on select models)
<b>Software</b>	HP Recovery Manager; HP Performance Advisor; <sup>5</sup> HP Remote Graphics Software (pre-load); <sup>2</sup> HP Support Assistant; HP Client Security; <sup>19</sup> HP Hotkey Support; HP Wireless Hotspot <sup>20</sup> (Windows 8 only); HP Connection Manager (Windows 7 only); HP GPS <sup>21</sup> and Location (Select Models - Windows 7 only); Adobe® Flash Player (Windows 7 only); Buy Office; Microsoft Security Essentials; <sup>22</sup> Cyberlink Power DVD; Cyberlink Media Suite; Cyberlink Photo Director; Cyberlink Power Director; Cyberlink Power2Go; Cyberlink YouCam BE; Cyberlink Webcam Sharing Manager (web download); PDF Complete Corporate Edition; Skype
<b>Security</b>	Standard: HP Client Security (Windows 8 only); HP Fingerprint Sensor; Integrated Smart Card Reader; Enhanced Pre-Boot Security (multiuser/multifactor); HP Spare Key (requires initial user setup); One-Step Logon; Common Criteria EAL4+ Augmented Certified Discrete TPM 1.2 Embedded Security Chip; Security lock slot; Support for Intel AT; <sup>23</sup> Optional: Computrace <sup>24</sup> with GPS Tracking (sold separately and requires the purchase of subscription)
<b>Dimensions (w x d x h)</b>	13.35 x 9.33 x .83 in 33.9 x 23.7 x 2.1 cm
<b>Weight</b>	3.57 lb, 1.62 kg
<b>Power</b>	HP Long Life 3-cell (24 WHr) polymer battery; HP Long Life 3-cell (50 WHr) polymer/prismatic battery Secondary: 6-cell HP Long Life (60 WHr) polymer slice battery External 65W "Smart" AC adapter; HP Fast Charge (not supported on 3-cell primary battery)
<b>Certification</b>	ENERGY STAR® qualified configurations available, Low halogen <sup>25</sup>
<b>Expansion Solutions<sup>3</sup></b>	HP Adjustable Dual Monitor Stand HP Adjustable Display Stand HP Ultralim Docking Station
<b>Warranty<sup>26</sup></b>	Limited 3-year, 1-year and 90-day warranty options available, depending on country, 1-year limited warranty on primary battery. Optional HP Care Pack Services <sup>26</sup> are extended service contracts which go beyond your standard warranties. For more details, visit <a href="http://hp.com/go/cpc">hp.com/go/cpc</a> .

## HP ZBook 14 Mobile Workstation



1. Optional HD Webcam
2. 14-inch diagonal LED-backlit HD anti-glare display (optional touch-enabled)
3. USB 3.0 ports(2), Headphone.Microphone jack, DisplayPort, Media card reader, Ethernet port, AC Adapter, Docking Connector
4. Fingerprint reader
5. Point stick
6. Touchpad with scroll zone
7. Spill-resistant keyboard
8. Security cable slot, VGA, USB 3.0 ports (1 charging, 1 regular), Smart card reader



1. Not all configurations qualify as an Ultrabook™.
2. HP Remote Graphics Software requires Windows and an internet connection.
3. Sold as an optional or add on feature.
4. Multi-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. HP Performance Advisor requires Windows and an internet connection.
6. MIL-STD testing is pending and is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions.
7. Not all features are available in all editions of Windows 8. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 8 functionality. See [microsoft.com](http://microsoft.com) for details.
8. This system is preinstalled with Windows 7 Pro software and also comes with a license and media for Windows 8 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
9. This system may require upgraded and/or separately purchased hardware to take full advantage of Windows 7 functionality. Not all features are available in all editions of Windows 7. See [microsoft.com/windows/windows-7/](http://microsoft.com/windows/windows-7/) for details.
10. 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 dependent on 3rd party software providers. Microsoft Windows required.
11. 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.
12. For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) of system and up to 30 GB (for Windows 8) disk is reserved for system recovery software.
13. Planned to be available in October 2013
14. HD content required to view HD images.
15. NVIDIA Optimus or AMD Dynamic Switchable Graphics are enabled by default. If you choose to disable this functionality, Intel® integrated graphics will not be used.
16. Wireless access point and internet service required. Availability of public wireless access points is limited.
17. The specifications for the 802.11ac 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 802.11ac WLAN devices. Connection speeds will vary due to location, environment, network conditions, and other factors.
18. 4G LTE not available on all products, in all regions and only available on products featuring Intel processors. WWAN is an optional feature sold separately or as an add on feature. WWAN connection requires wireless data service contract, network support, and is not available in all areas. Contact service provider to determine the coverage area and availability. Connection speeds will vary due to location, environment, network conditions, and other factors.
19. HP Client Security requires Windows.
20. The Wireless Hotspot application requires an active internet connection and separately purchased data plan. While HP Wireless Hotspot is active, on-device applications will continue to work and will use the same data plan as the wireless hotspot. Wireless Hotspot data usage may incur additional charges. Check with your for plan details. Requires Windows 8.
21. 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.
22. MSE requires Windows 7 and internet access for updates
23. Intel AT security requires a separately purchased Absolute Computrace service subscription and must be activated and configured. Check with Absolute for availability in your country. Intel and HP assume no liability for lost or stolen data and/or systems or any other damages resulting therefrom. See [intel.com/technology/anti-theft/](http://intel.com/technology/anti-theft/).
24. Computrace 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 multiple years. Service is limited, check with Absolute for availability outside the U.S.
25. This product is low halogen except for power cords, cables and peripherals, as well as the following customer-configurable internal components: 3 ½" SAS HDDs, LSI 9260-8i SAS 6Gb/s ROC RAID Card, Creative Recon3D PCIe Audio Card, Liquid Cooling Solution and Broadcom 5761 Gigabit PCIe NIC are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
26. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit [hp.com/go/cpc](http://hp.com/go/cpc).

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