

# HP ZBook 15u G3 Mobile Workstation



Thin, powerful, affordable

Enjoy workstation performance in a low cost, compact package. The HP ZBook 15u with its 39,6 cm (15.6") diagonal display is the perfect combination of mobility and cost.



- Windows 10 Pro<sup>1</sup>
- Up to 1.5 TB of storage<sup>2</sup>

#### Ready to work from anywhere

- Inspiration can strike any time--be ready with a Workstation that starts at 1,9 kg (4.18 lbs.), 19.9 mm thin and offers an optional touch screen, integrated numeric keypad, and impressive battery life.

#### Innovate on the fly

- If it's value in a lightweight design you want, look no further. This workstation can be configured with up to 32 GB memory,<sup>2</sup> AMD FirePro™ professional graphics, HP Z Turbo Drive G2,<sup>2</sup> 1.5 TB<sup>3</sup> of total storage, and a FHD touch display.<sup>2</sup>

#### Defined by HP Z DNA

- Work confidently with HP Mobile Workstations designed around 30 years of HP Z DNA with extensive ISV certification. It's reliable, designed to pass MIL-STD 810G testing,<sup>4</sup> and endure 120K hours of testing with HP's Total Test Process.

#### Featuring

- Support your unique user needs with a choice of Windows 10 Pro<sup>1</sup> or Windows 7<sup>1</sup> operating systems.
- The ZBook 15u Mobile Workstation delivers sleek Ultrabook™<sup>5</sup> style, impressive performance, and long battery life.
- Get powerful performance from new 6th Gen Intel® Core™ processors.<sup>6</sup>
- Take advantage of the rich features of ISV certified AMD FirePro™ 3D graphics with 2GB of video memory designed to work with professional applications on the HP ZBook 15u Mobile Workstation.
- Take on challenging tasks with confidence with up to 32 GB<sup>2</sup> DDR4 memory.
- Reduce boot up, calculation, and response times by revolutionizing how your HP ZBook handles large files with the optional HP Z Turbo Drive G2,<sup>2</sup> a remarkably fast and innovative storage solution.
- Quickly and easily transfer data and connect to devices. This mobile workstation is packed with multiple ports including a USB 3.1 Gen 1 port, DisplayPort 1.2, and more.
- Pick the right display for the way you work with crystal clear FHD touch and non-touch 4K UHD display options.<sup>2</sup>

# HP ZBook 15u G3 Mobile Workstation Specifications Table



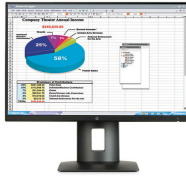
<b>Operating System</b>	Windows 10 Pro 64 <sup>1</sup> Windows 10 Home 64 <sup>1</sup> Windows 7 Professional 64 <sup>1</sup> Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro 64) <sup>2</sup> FreeDOS 2.0 Red Hat® Enterprise Linux® 6 & 7 (web support only)
<b>Processor Family</b>	6th Generation Intel® Core™ i5 processor; 6th Generation Intel® Core™ i7 processor <sup>3</sup>
<b>Processors<sup>3</sup></b>	Intel® Core™ i7-6600U with Intel HD Graphics 520 (2.6 GHz, up to 3.4 GHz with Intel Turbo Boost technology, 4 MB cache, 2 cores); Intel® Core™ i7-6500U with Intel HD Graphics 520 (2.5 GHz, up to 3.1 GHz with Intel Turbo Boost technology, 4 MB cache, 2 cores); Intel® Core™ i5-6300U with Intel HD Graphics 520 (2.4 GHz, up to 3.0 GHz with Intel Turbo Boost technology, 3 MB cache, 2 cores); Intel® Core™ i5-6200U with Intel HD Graphics 520 (2.3 GHz, up to 2.8 GHz with Intel Turbo Boost technology, 3 MB cache, 2 cores)
<b>Chipset</b>	Chipset integrated within processor
<b>Maximum Memory</b>	Up to 32 GB DDR4-2133 non-ECC SDRAM <sup>4</sup> Standard memory note: Transfer rates up to 2133 MT/s
<b>Memory Slots</b>	2 SODIMM
<b>Internal Storage</b>	up to 500 GB SATA (7200 rpm) <sup>5</sup> up to 1 TB SATA (5400 rpm) <sup>5</sup> up to 500 GB SATA SED (7200 rpm) <sup>5</sup> up to 500 GB SATA SED FIPS 140-2 (7200 rpm) <sup>5</sup> up to 500 GB (8 GB cache) SATA SSHD (5400 rpm) <sup>5</sup> up to 128 GB M.2 SATA SSD <sup>5</sup> up to 256 GB M.2 SATA SED SSD <sup>5</sup>
<b>Display</b>	39.6 cm (15.6") diagonal FHD SVA anti-glare LED-backlit (1920 x 1080); 39.6 cm (15.6") diagonal FHD UWVA IPS anti-glare LED-backlit (1920 x 1080); 39.6 cm (15.6") diagonal UHD UWVA IPS anti-glare LED-backlit (3840 x 2160); 39.6 cm (15.6") diagonal FHD Touch SVA LED-backlit (1920 x 1080)
<b>Available Graphics</b>	Integrated: Intel® HD graphics 520 <sup>8</sup> Discrete: AMD FirePro™ W4190M (2 GB dedicated GDDR5)
<b>Expansion Slots</b>	1 SD media reader; 1 smart card reader SD supports next generation secure digital and is backward compatible to SDHC, SDXC
<b>Ports and Connectors</b>	Left side: 1 VGA; 1 USB 3.0 (charging) Right side: 1 USB 3.1 Gen 1; 1 USB 3.0; 1 DisplayPort; 1 stereo microphone-in/headphone-out combo; 1 power connector; 1 RJ-45
<b>Communications</b>	Integrated Intel® I219-LM Gigabit Network Connection; Integrated Intel® WG219V Gigabit Network Connection Integrated Intel® I219-LM GbE for vPro processors. Integrated Intel® WG219V for non-vPro processors.
<b>Audio</b>	Bang & Olufsen HD audio. Integrated stereo speakers and 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>Power</b>	65 W Slim Smart AC adapter (external)
<b>Input Device</b>	HP Spill Resistant Keyboard (backlit with function key control) Image sensor touchpad with on/off button, two-way scroll, gestures, two pick buttons. Pointstick with two additional pointstick buttons.
<b>Security</b>	Integrated smart card reader; One-step logon; Common Criteria EAL4+ Augmented Certified Discrete TPM 1.2/2.0 Embedded Security Chip; Security lock slot; Support for Intel® AT; HP FingerPrint Sensor (optional); Absolute Persistence Module; HP BIOSphere with Sure Start; SATA port disablement (via BIOS); DriveLock and Automatic DriveLock; RAID (available as a configurable option); Serial, parallel, USB enable/disable (via BIOS); Optional USB port disable at factory (user configurable via BIOS); Removable media write/boot control; Power-on password (via BIOS); Setup password (via BIOS) <sup>12,13,14</sup>
<b>Software</b>	HP Mobile Workstations are shipped with a variety of software titles including: HP Performance Advisor, HP Remote Graphics Software, HP Velocity, HP Client Security, Microsoft Security Essentials, HP ePrint Driver, HP Recovery Manager, Foxit PhantomPDF Express. Please refer to this product's quickspec document for a full list of preinstalled software. <sup>10,11</sup>
<b>Dimensions</b>	15.09 x 10.1 x 0.78 in 383.3 x 257.7 x 19.9 mm
<b>Weight</b>	Starting at 4.18 lb Starting at 1.9 kg Weight varies by configuration and components
<b>Energy Efficiency Compliance</b>	ENERGY STAR® certified and EPEAT® registered configurations available <sup>15</sup>
<b>Environmental Certification</b>	Low halogen <sup>16</sup>
<b>Warranty</b>	3-year (3-3-0) limited warranty and service offering includes 3 years of parts and labor. Terms and conditions vary by country.

## HP ZBook 15u G3 Mobile Workstation

### Accessories and services (not included)

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HP Z24n 24-inch Narrow Bezel IPS Display



Create a seamless 16:10 multi-display<sup>1</sup> setup with the HP Z24n Narrow Bezel IPS Display, which has a virtually borderless screen for maximum impact imagery, factory color calibration to ensure optimal color accuracy, and flexible connectivity for all of your devices.

**Product number: K7B99A4**

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HP UltraSlim Docking Station



Designed exclusively for ultraslim HP EliteBook Notebook PCs, the HP UltraSlim Docking Station expands display, network, and device connectivity so you can be more productive throughout the day—all through a simple one-click slide-in side dock.

**Product number: D9Y32AA**

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3Dconnexion CadMouse



Simplify scroll, click, and zoom functions and comfortably drive your CAD projects with the 3Dconnexion CADMouse.

**Product number: M5C35AA**

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HP 8GB DDR4 2133MHz ECC Memory



Boost the capabilities of your HP Business Notebook PC and improve system performance and application responsiveness with low-power, high-speed, DDR4 ECC memory from HP.

**Product number: V1D58AA**

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HP 16GB DDR4 2133MHz ECC Memory



Boost the capabilities of your HP Business Notebook PC and improve system performance and application responsiveness with low-power, high-speed, DDR4 ECC memory from HP.

**Product number: V1D59AA**

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HP 3 year Next business day Onsite Notebook Only Service



Receive 3 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely.

**Product number: U4414E**

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# HP ZBook 15u G3 Mobile Workstation

## Messaging Footnotes:

- <sup>1</sup> Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.microsoft.com>.
- <sup>2</sup> Sold separately or as an optional feature.
- <sup>3</sup> For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16GB (for Windows 7) and up to 30GB (for Windows 8.1/10) of system disk is reserved for system recovery software.
- <sup>4</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. Damage under the MIL STD test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
- <sup>5</sup> Not all configurations will qualify as an Ultrabook™.
- <sup>6</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. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.

## Technical Specifications Footnotes:

- <sup>1</sup> Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.microsoft.com>.
- <sup>2</sup> This system is preinstalled with Windows 7 Professional software and also comes with a license and media for Windows 10 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.
- <sup>3</sup> Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
- <sup>4</sup> Maximum memory capacities assume Windows 64-bit operating systems. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.
- <sup>5</sup> For storage drives GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 8.1/10) is reserved for system recovery software.
- <sup>6</sup> Wireless cards are optional or add-on features and requires separately purchased wireless access point and internet service. Availability of public wireless access points limited. 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.
- <sup>7</sup> WWAN is an optional feature and use requires separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G LTE not available on all products, and in all regions.
- <sup>8</sup> HD content required to view HD images.
- <sup>9</sup> Optional or add-on feature.
- <sup>10</sup> Microsoft Security Essentials requires Windows 7 and internet access.
- <sup>11</sup> HP ePrint Driver requires an internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see [www.hp.com/go/businessmobileprinting](http://www.hp.com/go/businessmobileprinting)).
- <sup>12</sup> The Computrace agent is shipped turned off, and must be activated by customers when they purchase a subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S.
- <sup>13</sup> This product ships with TPM 1.2 with option to upgrade to TPM 2.0. Upgrade utility is expected to be available by the end of 2016 via HP Customer Support.
- <sup>14</sup> BIOS Absolute Persistence module is shipped turned off, and will be activated when customers purchase and activate a subscription. Service may be limited. Check with Absolute for availability outside the U.S. The optional subscription service of Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: <http://www.absolute.com/company/legal/agreements/computrace-agreement>. If Data Delete is utilized, the Recovery Guarantee payment is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either create a PIN or purchase one or more RSA SecurID tokens from Absolute Software.
- <sup>15</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country.
- <sup>16</sup> External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.

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