eDatasheet

HP ZBook 15 G6 Mobile Workstation (8GB94UT)

HP's best-selling ZBook

Our powerhouse ZBook thrives with heavy workloads from rendering to engineering to simulation. With room to grow, it's the only machine you'll ever need.

HP recommends Windows 10 Pro.

Full-throttle performance
Get blazing-fast performance with the heaviest multi-app workloads. Boost your speed on single and multi-threaded apps with the high-performance multi-core Intel processor. Through it all, our cutting-edge thermal design keeps everything cool and quiet.

Ready to expand. No tools required.
When your technology needs evolve, you can easily upgrade. Simply remove the back panel and switch out your memory or storage in seconds.

Industry-leading security
Advanced security features come standard on every ZBook 15. System safeguards like HP Client Security Suite and HP Sure Start - the industry's first self-healing BIOS - mean your device is locked down tight, so your data and identity are too.

Featuring

Windows 10 Pro 64
Work without compromising on performance or security with Windows 10 Pro, powered by HP's collaboration and connectivity technology.

Intel® Core™ i5 processor
Experience powerful performance and seamless computing for your everyday tasks and higher performance needs with the Intel® Core™ i5 processor. [3]

NVIDIA® Quadro® P1000 graphics card
Get stable, reliable performance on demanding professional applications with NVIDIA® Quadro® P1000 graphics.

15.6" Diagonal FHD Display At 250 Nits
Get clear and sharp visuals in full high definition. Comfortably work without reflections on an anti-glare screen.

HP Z Turbo Drive High-speed Storage
Work without limits in any location with local PCIe storage that's up to 6x faster than SATA SSD, and up to 21x faster than traditional HDD storage. [4]

Specifications

Operating system	Windows 10 Pro 64
Processor family	9th Generation Intel® Core™ i5 processors (i5 9300H, i5 9400H)
Processor	Intel® Core™ i5-9400H with Intel® UHD Graphics 630 (2.5 GHz base frequency, up to 4.3 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores)
Memory	16 GB DDR4-2666 SDRAM (1 x 16 GB)
Memory Slots	4 SODIMM
Internal Storage	256 GB PCIe® NVMe™ SSD
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 630
Display	39.6 cm (15.6") diagonal FHD IPS anti-glare WLED-backlit, 250 nits, 45% NTSC (1920 x 1080)
Display	15.6" diagonal FHD IPS anti-glare WLED-backlit, 250 nits, 45% NTSC (1920 x 1080)[19,20,21,23]
Display size (diagonal)	39.6 cm (15.6")
Display size (diagonal)	15.6"
Audio features	Audio by Bang & Olufsen, dual stereo speakers, HP World Facing Microphone dual array digital microphone, functions keys for volume up and down, combo microphone/headphone jack, HD audio
Minimum dimensions (W x D x H)	37.6 x 26.4 x 2.6 cm
Minimum dimensions (W x D x H)	14.8 x 10.4 x 1 in
Weight	Starting at 2.6 kg *(Weight varies by configuration and components.)*
Weight	Starting at 5.7 lb *(Weight varies by configuration and components.)*
Keyboard	HP Dual Point backlit spill-resistant Collaboration Keyboard
Pointing device	Touchpad with multi-touch gesture support
Camera	1080p FHD webcam with IR
Ports	1 RJ-45; 1 USB 3.1 Gen 1; 1 USB 3.1 Gen 1 (charging)
Expansion slots	1 smart card reader; 1 SD media card reader
Ports	1 power connector; 1 USB 3.1 Gen 1; 1 HDMI 2.0b; 1 headphone/microphone combo; 2 USB Type-C™ (Thunderbolt™ 3, pass through support DispalyPort™ 1.4, USB 3.1 Gen 2, with BC 1.2)
Network interface	Intel® Dual Band Wi-Fi 6 AX200 (2x2) and Bluetooth® 5 combo, vPro™
Power	150 W Slim Smart external AC power adapter
Battery type	HP Long Life 4-cell, 90 Wh Li-ion polymer
Energy efficiency	ENERGY STAR® certified
Environmental	Low halogen
Security management	Absolute persistence module; HP Device Access Manager; HP FingerPrint Sensor; HP Power On Authentication; HP Security Manager; Security lock slot; Trusted Platform Module TPM 2.0 Embedded Security Chip; Master Boot Record security; Pre-boot authentication; HP BIOSphere Gen5; HP Sure Start Gen5; HP Secure Erase; HP Client Security Manager Gen5; HP Manageability Integration Kit; HP Sure Recover Gen2; Microsoft Defender; HP Client Security Suite Gen5; HP Sure Sense[22,24,30,31,33,34,38,39,47,50]

Accessories and services

No Recommended Accessories and Services

Messaging Footnotes

[3] 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, branding and/or naming is not a measurement of higher performance.

[4] For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30GB (for Windows 10) of system disk is reserved for system recovery software.

Technical Specifications Footnotes

[19] HP Sure View is optional and must be configured at purchase.

[20] HP Sure View available on 2nd half of 2019.

[21] UHD content required to view UHD images.

[22] HP BIOSphere - Requires Intel® 8th generation processors. HP Sure Start Gen5 - Available on HP Elite and HP Z Workstation products equipped with Intel® 8th generation processors.

[23] Resolutions are dependent upon monitor capability, and resolution and color depth settings.

[24] HP Client Security Manager Gen5 requires Windows and is available on select HP Pro, Elite and Z PCs. See product specifications for details.

[30] HP Manageability Integration Kit can be downloaded from http://www.hp.com/go/clientmanagement

[31] Absolute agent is shipped turned off, and will be activated when customers activate a purchased subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. The Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: http://www.absolute.com/company/legal/agreements/computrace-agreement. Data Delete is an optional service provided by Absolute Software. If utilized, the Recovery Guarantee is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either obtain a PIN or purchase one or more RSA SecurID tokens from Absolute Software.

[33] Microsoft Defender Opt in and internet connection required for updates.

[34] Security lock slot is Lock sold separately.

[38] HP Sure Start Gen5 is available on select HP PCs with Intel processors. See product specifications for availability.

[39] HP Sure Sense requires Windows 10. See product specifications for availability.

[47] Secure Erase - For the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.

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