

HP ZBook 17 G6 Mobile Workstation (8FP64UT)



Extreme performance to meet extraordinary demands

Our flagship ZBook is our ultimate laptop for those who need desktop performance on the go. Edit multiple content streams, manipulate complex data and develop in virtual reality—all on an impressive 17-inch diagonal screen.



HP recommends Windows 10 Pro.

Desktop performance. Unplugged.

Blitz render times and speed through multi-app workflows with next generation NVIDIA Quadro® graphics, 128 GB of memory^[1] and multiple cores. And, with our industry-leading thermal design, everything stays cool and quiet even under the heaviest workloads.

Software certified

Work confidently knowing your laptop is certified to tackle the most demanding applications. We've partnered with leading software providers to ensure your ZBook is optimized for peak performance.

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.

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™ i7 processor

Run several CPU-heavy programs simultaneously without sacrificing performance with an Intel® Core™ i7 processor. ^[1]

17.3" (43.9 cm) Diagonal FHD Display

Get clear and sharp visuals in full high definition. Comfortably work in any light setting with reduced glare and an ambient light sensor that automatically dims or brightens your screen based on your surroundings.

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. ^[2]

HP Collaboration Keyboard

Launch and manage calls from anywhere using Skype® with HP Noise Cancellation and the world-facing third microphone. Shortcut keys, including start/stop call, calendar and screen share, enable efficient and effective collaboration. ^[3]

Specifications

Operating system	Windows 10 Pro 64
Processor family	9th Generation Intel® Core™ i7 processors (i7 9750H, i7 9850H)
Processor	Intel® Core™ i7-9850H with Intel® UHD Graphics 630 (2.6 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores)
Memory	16 GB DDR4-2666 SDRAM (1 x 16 GB)
Memory Slots	4 SODIMM
Internal Storage	512 GB PCIe® NVMe™ SSD
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 630
Display	43.9 cm (17.3") diagonal FHD IPS anti-glare WLED-backlit with ambient light sensor, 300 nits, 72% NTSC (1920 x 1080)
Display	17.3" diagonal FHD IPS anti-glare WLED-backlit with ambient light sensor, 300 nits, 72% NTSC (1920 x 1080) ^[21,23]
Display size (diagonal)	43.9 cm (17.3")
Display size (diagonal)	17.3"
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)	41.6 x 28.8 x 3.3 cm
Minimum dimensions (W x D x H)	16.4 x 11.3 x 1.3 in
Weight	Starting at 3.2 kg (Weight varies by configuration and components.)
Weight	Starting at 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 (charging); 2 USB 3.1 Gen 1
Expansion slots	1 smart card reader; 1 SD media card reader
Ports	1 power connector; 1 Mini DisplayPort™ 1.4; 1 HDMI 2.0b; 1 headphone/microphone combo; 2 USB Type-C™ (Thunderbolt™ 3, pass through support DisplayPort™ 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	200 W Slim Smart external AC power adapter
Battery type	HP Long Life 6-cell, 95.6 Wh Li-ion polymer
Energy efficiency	ENERGY STAR® certified
Environmental	Low halogen
Security management	Absolute persistence module; HP BIOSphere Gen5; HP Client Security Suite Gen5; HP Device Access Manager; HP FingerPrint Sensor; HP Manageability Integration Kit; HP Power On Authentication; HP Secure Erase; HP Security Manager; HP Sure Recover Gen2; HP Sure Sense; HP Sure Start Gen5; Master Boot Record security; Microsoft Defender; Pre-boot authentication; Security lock slot; Trusted Platform Module TPM 2.0 Embedded Security Chip ^[22,24,30,31,33,34,38,47,49,50]

Accessories and services

No Recommended Accessories and Services

Messaging Footnotes

[1] 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.

[2] 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.

[3] Skype requires Internet access and is not available in China.

Technical Specifications Footnotes

[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.

[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™.

[49] HP Sure Recover Gen2: See product specifications for availability. Requires an open, wired network connection. Not available on platforms with multiple internal storage drives. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data. HP Sure Recover (Gen1) does not support platforms with Intel® Optane™.

© Copyright 2019 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Intel, Xeon, Core, Thunderbolt, and Intel vPro are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries. Bluetooth is a trademark of its proprietor and used by HP Inc. under license. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. The NVIDIA logo and Quadro are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries.

