

HP ZBook Studio x360 G5 Convertible Workstation (8XA66UT)



Reimagine your creative process with a versatile laptop that gives you the latest convertible design you'll want with the pro-grade performance you need. Showcase your work like never before with five unique modes.



HP recommends Windows 10 Pro for business

360-degree pro performance

Finally, a convertible laptop designed to tackle large files and run multiple apps with speed and responsiveness. Seamlessly edit and render high-res images without delay, with NVIDIA® Quadro® P2000 graphics, 16 GB memory^[1] and Intel® Core™ i7 processors.

Precision-crafted versatility

With our innovative 360-degree hinge, you'll get the comfort of a laptop, the convenience of a tablet and the luxury of additional modes to help you showcase your work.

Pixel-perfect tools

Achieve remarkable inking precision with 4096 levels of pressure sensitivity and tilt with the Wacom AES pen.

Featuring

Windows 10 Pro 64

Work without compromising on performance or security with Windows 10 Pro, powered by HP's collaboration and connectivity technology. ^[3]

Intel® Core™ i7 processor

Run several CPU-heavy programs simultaneously without sacrificing performance with an Intel® Core™ i7 processor. ^[3]

NVIDIA® Quadro® P2000 graphics card

NVIDIA® Quadro® P2000 graphics help you accelerate your product development and content creation workflows that demand fluid interactivity with large, complex 3D models and scenes. ^[5]

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]

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. ^[5]

Specifications

Operating system	Windows 10 Pro 64
Processor family	9th Generation Intel® Core™ i7 processor
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), vPro™
Memory	16 GB DDR4-2666 SDRAM (1 x 16 GB)
Memory Slots	2 SODIMM
Internal Storage	512 GB PCIe® NVMe™ SSD
Graphics	Discrete
Graphics (discrete)	NVIDIA® Quadro® P2000 (4 GB GDDR5 dedicated)
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 630
Display	39.62 cm (15.6") diagonal 4K IPS eDP anti-glare LED-backlit ambient light sensor, 400 cd/m² (3840 x 2160)
Display	15.6" diagonal 4K IPS eDP anti-glare LED-backlit and ambient light sensor, 400 cd/m² (3840 x 2160) ^[9]
Display size (diagonal)	39.6 cm (15.6")
Display size (diagonal)	15.6"
Audio features	HP tuned Bang & Olufsen, quad stereo speakers, HP World Facing Microphone supporting HP Noise Reduction Software, keyboard functions keys for volume up and down, combo microphone/headphone jack, HD audio, HP Clear Sound Amp
Minimum dimensions (W x D x H)	36 x 25.4 x 0.88 to 1.87 cm (front to rear)
Minimum dimensions (W x D x H)	14.17 x 10 x 0.35 to 0.74 in (front to rear)
Weight	Starting at 2.26 kg (Weight varies by configuration and components.)
Weight	Starting at 4.9 lb (Weight varies by configuration and components.)
Keyboard	HP Dual Point backlit spill-resistant Collaboration Keyboard
Pointing device	Clickpad with multi-touch gesture support
Camera	720p HD webcam with IR
Ports	1 USB 3.0; 1 USB 3.0 (charging)
Expansion slots	1 UHS-II SD card reader (SD supports next generation secure digital and is backward compatible to SDHC, SDXC)
Ports	1 HDMI 2.0; 1 headphone/microphone combo; 1 power connector; 2 USB 3.1 Type-C™ Thunderbolt™ 3 (DisplayPort™ 1.3)
Network interface type	WLAN
Network interface	Intel® Dual Band Wireless-AC 9560 802.11 ac (2x2) Wi-Fi® and Bluetooth® 5.0 Combo
Power	150 W 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; Common Criteria EAL4+ Augmented Certified Discrete TPM 2.0 Embedded Security Chip; DriveLock and Automatic DriveLock; HP Device Access Manager; HP FingerPrint Sensor; HP Password Manager; HP Power On Authentication; HP Security Manager; Pre-boot authentication; HP Sure Click; Measured Boot; HP BIOS Config Utility (BCU); HP Client Catalog; HP Driver Packs; HP System Software Manager (SSM); HP Manageability Integration Kit Gen2; HP BIOSphere with Sure Start Gen4; HP Secure Disk Erase; HP Host Based Mac Address; Windows Defender. ^[19,20,21,22,23,26,27,28,29]
Software	Bing search for IE11; Buy Office; HP Client Security Suite Gen4; HP ePrint Driver + JetAdvantage; HP Hotkey Support; HP JumpStart; HP LAN-WLAN Protection; HP Noise Cancellation Software; HP Performance Advisor; HP Recovery Manager; HP Remote Graphics Software; HP Support Assistant; Skype for Business Certified ^[15,16,17,18]
Warranty	3 year (3-3-0) limited warranty and service offering includes 3 years of parts and labor. Terms and conditions vary by country.

Accessories and services

No Recommended Accessories and Services

Messaging Footnotes

[1] 64 GB RAM planned to be available in December 2018.

[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.

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

Technical Specifications Footnotes

[9] HD content required to view HD images.

[15] 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).

[16] HP Remote Graphics Software requires a Windows, Linux®, or Mac® OS X 10.10 and newer operating system and network access.

[18] HP Client Security Suite Gen 4 requires Windows and Intel® or AMD 8th generation processors.

[19] 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>.

[20] Finger Sensor is optional

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

[22] HP Password manager requires Windows.

[23] HP BIOSphere Gen4 requires Intel® or AMD 8th generation processors. HP Sure Start Gen4 is available on HP Z Workstations products equipped with 8th and 9th generation Intel® or AMD processors.

[26] Battery is internal and not replaceable by customer. Serviceable by warranty. Batteries have a default one year limited warranty except for Long Life batteries which will have same 1-year or 3-year.

[27] HP Secure Disk Erase is for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88.

[28] HP Sure Click is available on select HP platforms and supports Microsoft® Internet Explorer, Google Chrome, and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode. Check <http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-0922ENW> for all compatible platforms as they become available.

[29] Windows Defender Opt In, Windows 10, and internet connection required for updates.

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