

HP ZBook Fury 16 G9 Mobile Workstation PC Wolf Pro Security Edition (6X3J5UT)



So powerful you'll forget it's a laptop

Tackle your most intense workflows with the ZBook Fury—now offering a desktop CPU in a laptop. With integrated or discrete graphics, a stunning display and collaboration features you can edit 8K videos, render in 3D or train machine learning models. Experience extreme pro performance—all on the move.



HP recommends Windows 11 Pro for business

Tackle multiple heavy workflows—simultaneously

Blaze through graphics-heavy projects with a desktop class Intel® CPU^[1] and integrated or discrete graphics.^[3]

Upgrade. Expand. Evolve

Get desktop-level storage and memory with room to grow. Expansion is easy with tool-free access to components.

Thin bezel for enhanced display area

Bring projects to life on a brilliant display and see more of your screen with a slim-bezel design.

Featuring

Intel® Core™ i7 processor

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

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]

Spill-resistant Keyboard

Accidents happen - which is why we designed our keyboard with a drain hole, so minor spills flow out the bottom for easy cleanup.

Industry-leading security features

Advanced security features come standard. System safeguards like HP Sure Start – the industry's first self-healing BIOS – mean your device is locked down tight, so your data and identity are too.

Specifications

Operating system	Windows 10 Pro (available through downgrade rights from Windows 11 Pro) ^[1,2]
Processor family	12th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-12800HX (up to 4.8 GHz with Intel® Turbo Boost Technology, 25 MB L3 cache, 16 cores, 24 threads)
Chipset	Intel® WM690
Memory	32 GB DDR5-4800 MHz RAM (2 x 16 GB)
Memory Slots	4 SODIMM; supports dual channel
Internal Storage	512 GB PCIe® NVMe™ TLC SSD
Hard drive (2nd)	1 TB PCIe® NVMe™ TLC SSD
Optical drive	Not included
Graphics	Discrete
Graphics (discrete)	NVIDIA RTX™ A1000 Laptop GPU (4 GB GDDR6 dedicated)
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics
Display	40.6 cm (16") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, micro-edge, 400 nits, 100% sRGB
Display	16" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, micro-edge, 400 nits, 100% sRGB ^[21,23,32]
Display size (diagonal)	40.6 cm (16")
Display size (diagonal)	16"
Audio	Audio by Bang & Olufsen, dual stereo speakers with discrete amps, HP World Facing Microphone dual array digital microphones, functions keys for volume up and down, combo microphone/headphone jack, HD audio with 200Hz Bass Roll off
Minimum dimensions (W x D x H)	36.3 x 25.0 x 2.77 cm (WWAN)
Minimum dimensions (W x D x H)	14.29 x 9.52 x 1.12 in (WWAN)
Weight	Starting at 2.39 kg
Weight	Starting at 5.27 lb (Weight varies by configuration and components.)
Keyboard	HP Premium Keyboard – spill-resistant, full-size, backlit keyboard with numeric keypad
Camera	5MP Camera
Ports	1 RJ-45; 1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging); 1 SuperSpeed USB Type-A 5Gbps signaling rate
Ports	1 power connector; 2 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 HDMI 2.1; 1 Mini DisplayPort™ 2.0
Wireless	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)
Power	200 W external AC power adapter ^[20]
Battery type	HP Long Life 8-cell, 95 Wh Li-ion polymer
Ecolabels	TCO Certified
Energy star certified	ENERGY STAR® certified
Management features	HP Power Manager ^[16]
Sustainable impact specifications	Low Halogen
Security management	Absolute persistence module; HP Device Access Manager; HP Power On Authentication; HP Security Manager; Integrated smart card reader; Master Boot Record security; Pre-boot authentication; HP Sure Click; Windows Defender; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Secure Platform; HP Sure Recover Gen3; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure View Reflect; HP Tamper Lock; Nano Security Lock Slot; HP Client Security Suite Gen7; Trusted Platform Module TPM 2.0; Windows Secured Core; Camera privacy shutter ^[22,27,30,31,34,38,40,46,47,49,50,51]
Software included	Bing search for IE11; Buy Office; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Recovery Manager; HP Remote Graphics Software; HP Support Assistant; HP JumpStart; Native Miracast support; HP Connection Optimizer; Adobe® Creative Cloud; HP Cloud Recovery; HP Admin; HP Privacy Settings; HP QuickDrop; Data Science Stack; HP Easy Clean; HP PC Hardware Diagnostics; HP ZCentral Remote Boost 2020 Software for Z workstation; Tile™ Application ^[26,28,29,33,35,36,39,54]
UPC number	196786643941

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, 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.

[3] Optional feature that must be configured at purchase.

[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

[1] 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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.

[2] This system is preinstalled with Windows 10 Pro software and also comes with a license for Windows 11 Pro software and provision for recovery 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.

[16] Manage and monitor your battery's performance and condition and customize charging options with the easy-to-use HP Power Manager dashboard.

[20] 120 W power adapter is configurable with Intel UMA graphics. 150 W power adapter is configurable with NVIDIA T1000 and T2000 configurations. 200 W power adapter is configurable with NVIDIA RTX 3000 or higher and AMD graphic configurations.

[21] UHD content required to view UHD images.

[22] HP BIOSphere Gen6 features may vary depending on the platform and configuration.

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

[26] HP Cloud Recovery is available for HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors and requires an open, wired network connection. Note: You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Detail please refer to: <https://support.hp.com/us-en/document/c05115630>.

[27] HP Sure Click requires Windows 10 Pro or higher or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details

[28] Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming media players that also support Miracast. You can use Miracast to share what you're doing on your PC and present a slide show. For more information: <http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast>.

[29] HP Performance Advisor Software - HP Performance Advisor is ready and waiting to help you get the most out of your HP Workstation from day one—and every day after. Learn more or download at: <https://www8.hp.com/us/en/workstations/performance-advisor.html>

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

[31] Absolute Persistence Module: 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.

[32] Actual brightness will be lower with HP Sure View or touch-screen.

[33] HP Quick Drop requires Internet access and Windows 10 PC preinstalled with HP QuickDrop app and either an Android device (phone or tablet) running Android 7 or higher with the Android HP QuickDrop app, and /or an iOS device (phone or tablet) running iOS 12 or higher with the iOS HP QuickDrop app.

[34] Security lock for security slot is sold separately.

[35] HP Support Assistant requires Windows and Internet access.

[36] HP Connection Optimizer requires Windows 10.

[38] HP Sure Start Gen6 is available on select HP PCs and requires Windows 10 and higher.

[39] HP ZCentral Remote Boost Sender does not come preinstalled on Z Workstations but can be downloaded and run on all Z desktop and laptops without license purchase through 2022. With non-Z sender devices, purchase of perpetual individual license or perpetual floating license per simultaneously executing versions and purchase of ZCentral Remote Boost Software Support is required. ZCentral Remote Boost Sender for non-Z Hardware requires a license and Windows 10, RHEL/CentOS (7 or 8), or UBUNTU 18.04 or 20.04 LTS operating systems. macOS (10.14 or newer) operating system and ThinPro 7.2 are only supported on the receiver side. Requires network access. The software is available for download at hp.com/ZCentralRemoteBoost.

[40] HP Tamper Lock not supported on Ubuntu OS.

[46] HP Sure View Reflect integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

Learn more at

hp.com

[47] Secure Erase. For the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitization method. HP Secure

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