

HP ZBook Fury 17.3 inch G8 Mobile Workstation PC (63H31UT)



Desktop power goes mobile

The desktop-caliber performance of our ultimate ZBook now comes packed into an incredibly sleek, slim design. Create, render, edit, and simulate with ease. Visualize complex datasets on the move. Extreme power has never been so mobile.



HP recommends Windows 11 Pro for business

Unleash unthrottled power

Get unthrottled^[1] performance from the latest Intel® CPUs and NVIDIA® or AMD GPUs. Ray trace in the background while working on your design, or share your power with teammates using included ZCentral Remote Boost software.^[3]

Built to perform from anywhere

At just 26.95mm thin^[4], 6.53(NTS), 7.07lb(TS), our flagship ZBook delivers extreme performance from anywhere.^[5]

Expandability for evolving needs

Get desktop-level storage and memory with plenty of room to grow. Expansion and servicing are simple with tool-free access to removable components and an extensive port selection for critical accessories.

Featuring

Intel® Core™ i9 processor

Get high-end performance for intensive tasks like rendering and video editing with the Intel® Core™ i9 processor. ^[2]

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. ^[6]

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 11 Pro
Processor family	11th Generation Intel® Core™ i9 processor
Processor	Intel® Core™ i9-11950H (2.6 GHz base frequency, up to 5.0 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 8 cores, 16 threads)
Chipset	Intel® WM590
Memory	64 GB DDR4-3200 MHz RAM (2 x 32 GB)
Memory Slots	4 SODIMM; supports dual channel
Internal Storage	1 TB PCIe® NVMe™ TLC SSD
Optical drive	Not included
Graphics	Discrete
Graphics (discrete)	NVIDIA RTX™ A5000 (16 GB GDDR6 dedicated)
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics
Display	43.9 cm (17.3") diagonal, FHD (1920 x 1080), IPS, anti-glare, 300 nits, 72% NTSC
Display	17.3" diagonal, FHD (1920 x 1080), IPS, anti-glare, 300 nits, 72% NTSC ^[21,23,32]
Display size (diagonal)	43.9 cm (17.3")
Display size (diagonal)	17.3"
Audio	Audio by Bang & Olufsen, dual stereo speakers, HP World Facing Microphone dual array digital microphones, functions keys for volume up and down, combo microphone/headphone jack, HD audio
Minimum dimensions (W x D x H)	39.84 x 26.71 x 2.69 cm
Minimum dimensions (W x D x H)	15.69 x 10.52 x 1.06 in
Weight	Starting at 2.76 kg (Weight varies by configuration and components.)
Weight	Starting at 6.09 lb (Weight varies by configuration and components.)
Keyboard	HP Premium Quiet Keyboard – spill-resistant, full-size, backlit keyboard with programmable key
Pointing device	Dual pointstick
Camera	720p HD camera with integrated dual array microphones
Ports	1 RJ-45; 1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 nano security lock slot; 1 nano SIM card slot ^[24]
Expansion slots	1 smart card reader; 1 SD 7.0 media card reader ^[58]
Ports	1 power connector; 1 Mini DisplayPort™ 1.4; 1 HDMI 2.0b; 2 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge)
Wireless	Intel® Wi-Fi CERTIFIED 6™ AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)
Power	200 W Slim Smart external AC power adapter ^[19,20,24]
Battery type	HP Long Life 8-cell, 94 Wh Li-ion polymer
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 Tamper Lock; Nano Security Lock Slot; HP Client Security Suite Gen7; Trusted Platform Module TPM 2.0; Windows Secured Core ^[22,27,30,31,34,38,46,47,49,50,51,53]
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 ^[26,28,29,33,35,36,39,52,54]
UPC number	(ABA) 196337986299; (ABL) 196337986305

Top Recommended Displays, Accessories and Services

Docking Stations

HP Thunderbolt Dock G2 with Combo Cable	3TR87AA
HP USB-C Dock G5	26D32AA
HP USB-C Dock G5	5TW10AA

Backpacks

HP Executive 17.3 Backpack	6KD05AA
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Cases

HP Executive 17.3 Top Load	6KD08AA
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Keyboard and Mouse Kits

HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165AA
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Mice

HP Bluetooth Travel Mouse	6SP30AA
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AC Adapters

HP 150W Slim Smart AC Adapter (4.5mm)	4SC18AA
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Messaging Footnotes

[1] Unthrottled in Best Performance Mode and when plugged in.

[2] 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] 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.

[4] Measured at the hinge

[5] Starting at weight and dimensions. Weight will vary by configuration.

[6] 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] Intel® XMM™ 7360 LTE Advanced works with Windows 10 only.

[20] 120 W only available with UMA Graphic option. 150 W only available with NVIDIA® T1200 and NVIDIA RTX™ A2000 Graphic options. 200 W only available with NVIDIA RTX™ A3000, NVIDIA RTX™ A4000, NVIDIA RTX™ A5000, and AMD Graphic options.

[21] UHD content required to view UHD images.

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

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

[24] nano SIM card slot works with Windows 10 only.

[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 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://www8.hp.com/us/en/ads/clientmanagement/overview.html>.

[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 internet access.

[36] HP Connection Optimizer requires Windows 10.

[38] HP Sure Start Gen 6 is available on select HP PCs and workstations. See product specifications for availability.

[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.

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