HP ZBook Fury 17.3 Inch G8 Mobile Workstation PC

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.

*Product image may differ from actual product

HP recommends Windows 10 Pro for business

Unleash unthrottled power

- Get unthrottled[1] performance from the latest Intel® CPUs and up to NVIDIA RTX™ A5000 or AMD Radeon Pro laptop GPUs.[2] Ray trace in the background while working on your design, or share your power with teammates using ZCentral Remote Boost software.[3]

Built to perform from anywhere

- At just 26.95mm thin[4], 2.96kg(NTS), 3.21kg(TS), our flagship ZBook delivers extreme performance from anywhere.[5]

Expandability for evolving needs

- Get desktop-level storage and memory with slots for up to 128GB of RAM,[12] and capacity for a 8TB hard drive.[7,8] Expansion and servicing are simple with tool-free access to removable components and an extensive port selection for critical accessories.

- Work anywhere without compromising on performance or security with Windows 10 Pro[11] and HP's collaboration and connectivity technology.

- Accelerate your workflow. Power through projects with up to 128 GB RAM[12] for fast rendering, editing and visual effects performance.

- Take multitasking to the next level with up-to 11th Gen Intel® Core™ i9 processor[13] designed to handle complex, multithreaded apps like Adobe Premier Pro, and you can boost your speed on single threaded apps like Autodesk® 3ds Max®[14]

- Run demanding professional apps with the newest generation Intel® Xeon® processors[13] for powerful performance and productivity.

- NVIDIA RTX™ professional GPUs deliver the performance professionals need and the flexibility to work from anywhere in a compact form factor.[2]

- Lend a teammate the power of your device remotely with ZCentral Remote Boost software- included with the purchase of any Z device.[3]

- Strenuously tested to meet ISV certification and deliver superb performance with leading software providers, including Autodesk and Adobe.[16]

- Blitz through multiple tasks and ditch external drives with up to 8 TB[8,17] local PCIe NVMe storage.

- Security features from HP work together to create an always on, always acting, resilient defense. From the BIOS to the browser, above and below the OS, these constantly evolving solutions help protect your PC from threats.

- Enhanced transfer and upload speeds via dual Thunderbolt™ 4 ports. Get wide-ranging connectivity options to ensure maximum device interaction: USB 3.1, HDMI,[19] mDP,[20] SD card, Smart Card Reader and more.

- Built-in Tile™ integration helps you track down your lost or misplaced device.[21]

- Designed for ultimate durability, this ZBook undergoes brutal MIL-STD 810H[22] tests to help ensure this PC keeps rolling through your workday.

HP ZBook Fury 17.3 Inch G8 Mobile Workstation PC Specifications Table

*Product image may differ from actual product

Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business[1,44] Windows 10 Pro for Workstations 64[1,44] Windows 10 Home 64[1,44] Windows 10 Home Single Language 64 – HP recommends Windows 10 Pro.[1,44] Windows 10 China Government Edition[1,44] Ubuntu 20.04 FreeDOS 3.0 Red Hat® Enterprise Linux® 8 - Web support only[43]
Processor family[2,3,4,5,25]	11th Generation Intel® Core™ i5 processor; 11th Generation Intel® Core™ i7 processor; 11th Generation Intel® Core™ i9 processor; 11th Generation Intel® Xeon® processor
Available Processors[2,3,4,5,16,25]	Intel® Core™ i5-11500H with Intel® UHD Graphics (2.9 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores), supports Intel® vPro® Technology; Intel® Core™ i7-11800H with Intel® UHD Graphics (2.3 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 8 cores); Intel® Core™ i7-11850H with Intel® UHD Graphics (2.5 GHz base frequency, up to 4.8 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 8 cores), supports Intel® vPro® Technology; Intel® Core™ i9-11900H with Intel® UHD Graphics (2.5 GHz base frequency, up to 4.9 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 8 cores); Intel® Core™ i9-11950H with Intel® UHD Graphics (2.6 GHz base frequency, up to 5.0 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 8 cores), supports Intel® vPro® Technology; Intel® Xeon® W-11955M with Intel® UHD Graphics (2.6 GHz base frequency, up to 5.0 GHz with Intel® Turbo Boost Technology, 24 MB cache, 8 cores), supports Intel® vPro® Technology
Chipset	Intel® WM590
Maximum memory	128 GB DDR4-3200 non-ECC SDRAM; 64 GB DDR4-3200 ECC SDRAM [7] Transfer rates up to 3200 MT/s.
Memory slots	4 SODIMM; supports dual channel
Internal storage	256 GB up to 2 TB PCIe® NVMe™ M.2 SSD[11] 256 GB up to 2 TB PCIe® NVMe™ M.2 SED SSD[11] up to 500 GB 7200 rpm SATA FIPS 140-2 SED HDD[11] 500 GB up to 1 TB 7200 rpm SATA HDD[11] up to 2 TB 5400 rpm SATA HDD[11]
Display size (diagonal)	17.3"
Available Graphics	Integrated: Intel® UHD Graphics[16] Discrete: NVIDIA® T1200 (4 GB GDDR6 dedicated); NVIDIA RTX™ A2000 (4 GB GDDR6 dedicated); NVIDIA RTX™ A3000 (6 GB GDDR6 dedicated); NVIDIA RTX™ A4000 (8 GB GDDR6 dedicated); NVIDIA RTX™ A5000 (16 GB GDDR6 dedicated); AMD Radeon™ Pro W6600M (8 GB GDDR6 dedicated)
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 [45]
Expansion slots	1 smart card reader; 1 SD 7.0 media card reader
Ports and Connectors	Left side: 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 Right side: 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)[6,15,48,55,56]
Input devices	HP Premium Quiet Keyboard, spill-resistant, full-size, backlit, keyboard with a Programmable Key and numeric keypad; Dual pointstick; ClickPad Glass with multi-touch gesture support, taps enabled as default; Microsoft Precision Touchpad with gesture support;
Communications	LAN: Intel® I219-LM GbE, vPro®; Intel® I219-V GbE, non-vPro® ; WLAN: Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo, vPro®; Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo, non-vPro® ; WWAN: Intel® XMM™ 7360 LTE Advanced [12,13,14]; NFC Mirage WNC XRAV-1
Camera	720p HD camera; 720p HD IR camera [17,18]
Software	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]
Software support	HP Smart Support
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]
Fingerprint reader	Fingerprint reader (select models)
Power	120 W Slim Smart external AC power adapter; 150 W Slim Smart external AC power adapter; 200 W UltraSlim Smart external AC power adapter[19,20,24]
Battery type	HP Long Life 8-cell, 94 Wh Li-ion polymer[37,40]
Dimensions	39.84 x 26.71 x 2.69 cm
Weight	Starting at 2.76 kg (Weight varies by configuration and components.)
Energy efficiency compliance	ENERGY STAR® certified; EPEAT® registered where applicable. EPEAT® registration varies by country. See www.epeat.net for registration status by country.[41]
Sustainable impact specifications	Low halogen[42]

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Accessories and services (not included)

HP Executive 17.3 Backpack

Take on the world in style with an HP Executive Series notebook case that provides a polished, professional look. The sleek profile and premium materials make a bold statement and keep your devices and data on lockdown. Traveling is a breeze and device-charging is easy—even from outside the bag.
Product number: 6KD05AA

HP Executive 17.3 Top Load

Take on the world in style with an HP Executive Series notebook case that provides a polished, professional look. The sleek profile and premium materials make a bold statement and keep your devices and data on lockdown. Traveling is a breeze and device-charging is easy—even from outside the bag.
Product number: 6KD08AA

HP 5-year Next Business Day Onsite Workstation Only Hardware Support

Receive 5 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely. For more information on Care Pack services, please visit www.hp.com/go/cpc.
Product number: U7944E

HP Care Pack

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Messaging Footnotes

[1] Unthrottled in Best Performance Mode and when plugged in.
[2] Optional, configurable feature that must be configured at purchase.
[3] HP ZCentral Remote Boost does not come preinstalled on Z Workstations but can be downloaded and run on all Z desktop and laptops without license purchase. 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 requires Windows 10, RHEL/CentOS (7 or 8), UBUNTU 18.04 or 20.04 LTS, or HP ThinPro 7.1 operating systems. MacOS (10.13, 10.14, 10.15) operating system is 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.
[7] For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB of disk is reserved for system recovery software.
[8] Optional, configurable features.
[9] One-billion colors through A-FRC technology
[10] DreamColor display required for 1 billion colors and is an optional or add on feature.
[11] 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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com .
[12] Up to 128GB memory is an optional, configurable feature.
[13] 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.
[14] Adobe Premier Pro and Autodesk® 3ds Max® sold separately.
[16] Adobe and Autodesk software sold separately.
[17] For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 3GB (for Windows 10) of system disk is reserved for system recovery software.
[19] HDMI cables are sold separately.
[20] MiniDisplayPort cables are sold separately.
[21] Some Tile™ features require optional subscription to Tile™ Premium. Ring feature not supported. Tile™ application for Windows 10 available for download from the Windows Store. Mobile phone app available for download from App Store and Google Play. Requires iOS 11 and greater or Android 6.0 and greater see https://support.thetileapp.com/hc/en-us/articles/200424778 for more information. Tile™ will function as long as the PC has battery power.
[22] Testing is not intended to demonstrate fitness of U.S. Department of Defense (DoD) contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com
[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] Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
[4] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.
[5] In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on http://www.support.hp.com
[6] HDMI port-cable not included.
[7] Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed.
[8] Maximized dual-channel performance requires SODIMMs of the same size and speed in both memory channels.
[9] Intel® allows architectures designed with four DIMM slots to run at 3200 MT/s
[10] Maximum memory capacities assume Windows 64-bit operating systems. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.
[11] For storage drives GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35 GB (for Windows 10) is reserved for system recovery software.
[12] GbE - The term "10/100/1000" or "Gigabit" Ethernet indicates compatibility with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/s. For high-speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.
[13] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. The specifications for Wi-Fi 6 (802.11ax WLAN) are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ax WLAN devices. Only available in countries where 802.11ax is supported.
[14] WWAN use requires separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G LTE not available on all products, and in all regions.
[15] Mini DisplayPort 1.4 with discrete, 1.2 with UMA.
[16] Intel® Integrated graphics
[17] FHD and HD content required to view HD images respectively.
[18] Windows Hello face authentication utilizes a camera specially configured for near infrared (IR) imaging to authenticate and unlock Windows devices as well as unlock your Microsoft Passport.
[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.
[25] For full Intel® vPro™ functionality, Windows 10 Pro 64 bit, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN and/or WLAN card and TPM 2.0 are required. Some functionality requires additional 3rd party software in order to run. See http://intel.com/vpro
[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.
[37] 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 warranty as the platform.
[38] HP Sure Start Gen 6 is available on select HP PCs and workstations. See product specifications for availability.
[39] HP ZCentral Remote Boost does not come preinstalled on Z Workstations but can be downloaded and run on all Z desktop and laptops without license purchase. 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 requires Windows 10, RHEL/CentOS (7 or 8), UBUNTU 18.04 or 20.04 LTS, or HP ThinPro 7.1 operating systems. MacOS (10.13, 10.14, 10.15) operating system is only supported on the receiver side. Requires network access. The software is available for download at hp.com/ZCentralRemoteBoost.
[40] Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors.
[41] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.
[42] External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.
[43] For detailed Linux® OS/hardware support information, see: http//www.hp.com/linux_hardware_matrix
[44] HP tested Windows 10, version 1809 on this platform. For testing information on newer versions of Windows 10, please see https://support.hp.com/document/c05195282
[45] Dual-microphone array when equipped with optional webcam and optional world facing microphone.
[46] HP Tamper Lock not supported on Ubuntu OS
[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™.
[48] HDMI 2.0b with discrete, 1.4 with UMA.
[49] HP Sure Recover Gen3 is available on select HP PCs and requires an open network connection. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.
[50] HP Sure Sense is available on select HP PCs and is not available with Windows10 Home.
[51] HP Sure Run Gen3 is available on select Windows 10 Pro or Enterprise based HP Pro, Elite and Workstation PCs with select Intel® or AMD processors.
[52] HP Easy Clean requires Windows 10 RS3 and will disable the keyboard, touchscreen, and clickpad only. Ports are not disabled. See user guide for clean.
[53] Requires an Intel® vPro® , AMD Ryzen™ Pro processor or Qualcomm® processor with SD850 or higher and requires 8 GB or more system memory. Secured Core PC functionality can be enabled from the factory.
[54] Tile requires Windows 10. Some features require optional subscription to Tile Premium. Ring feature not available on HP ZBook Fury G8 Laptops. Tile application for Windows 10 available for download from the Windows Store. Mobile phone app available for download from App Store and Google Play. Requires iOS 11 and greater or Android 6.0 and greater see https://support.thetileapp.com/hc/en-us/articles/200424778 for more information. HP Tile will function as long as the PC has battery power.
[55] Thunderbolt™ 4 and USB4™ maximum speed of 40Gbps will be divided between the different data workstreams.
[56] SuperSpeed USB 20Gbps is not available with Thunderbolt™ 4.

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