HP ZBook Fury 15 G7 Mobile Workstation

Ultimate ZBook performance just got more portable

HP's most powerful 15" performance mobile workstation packs the relentless power of our ultimate ZBook into a dramatically smaller design. Create, render, edit, and simulate with ease. Visualize complex datasets in the field. Incredible performance has never been so portable.

HP recommends Windows 10 Pro for business

Unleash the unthrottled power of Z

- For the first time ever, get simultaneous, unthrottled performance from the latest Intel® CPUs and NVIDIA Quadro® RTX 4000 or 5000 GPUs. Ray trace in the background while working on your next design– This PC thrives on heavy, multi-app workflows.

Built to perform in the field.

- At 12% smaller than last gen with even more power, our flagship ZBook delivers extreme performance on the go.[1] With HP Sure View[2] your screen is guarded from prying eyes, and noise canceling microphones make collaboration easy from anywhere.

HP's most expandable 15" mobile workstation

- Get desktop-level storage and memory with slots for up to 128GB of RAM, and capacity for a 10TB hardrive.[3] 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, powered by HP's collaboration and connectivity technology.[6]

- Accelerate your workflow. Power through projects with up to 128 GB RAM for fast rendering, editing and visual effects performance.[7]

- Take multitasking to the next level with the Intel® Core™ i9 processor designed to handle complex, multithreaded apps like Adobe Premier Pro, and with fast clock speeds you can boost your speed on single threaded apps like Autodesk 3ds Max.[8,9]

- Run demanding professional apps with the newest generation Intel® Xeon® processors for powerful performance and productivity.[10]

- Experience high-end visualization and seamlessly render your biggest projects with the next generation NVIDIA® Turing architecture with Quadro® T-Series and RTX graphics; Certified and supported for the apps you use every day.

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

- Blitz through multiple tasks and ditch external drives with up to 10 TB local PCIel NVMe storage - up to 21x faster than standard HDD and 6x faster than SATA SSD.[11]

- Instantly protect against visual hacking with HP Sure View, defend against firmware and malware attacks with HP Sure Start and Sure Sense, and have confidence with multi-factor authentication- including an infrared camera and fingerprint reader.[12]

- Enhanced transfer and upload speeds via dual Thunderbolt™ 3 ports. Get wide-ranging connectivity options to ensure maximum device interaction: USB 3.1, HDMI, mDP, SD card, Smart Card Reader and more.

- Designed for ultimate durability, this ZBook undergoes brutal MIL-STD 810H tests to help ensure this PC keeps rolling through your workday.[13]

- Plug in to greater connectivity at your desktop with the HP Thunderbolt Dock for lightning-fast Thunderbolt™ 3 transfers and the flexibility to run up to two external 4K displays.[14]

- Improve connectivity while on Wi-Fi® with HP Extended Range Wireless LAN that allows greater distance from transmission point and fast data throughput at shorter ranges.[15]

HP ZBook Fury 15 G7 Mobile Workstation Specifications Table

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[1,44] Windows 10 China Government Edition[1,44] FreeDOS 3.0 Red Hat® Enterprise Linux® 8 - Web support only[43]
Processor family[2,3,4,5,25]	10th Generation Intel® Core™ i5 processor; 10th Generation Intel® Core™ i7 processor; 10th Generation Intel® Core™ i9 processor; 10th Generation Intel® Xeon® processor
Available Processors[2,3,4,5,16,25]	Intel® Core™ i5-10300H with Intel® UHD Graphics (2.5 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores); Intel® Core™ i7-10750H with Intel® UHD Graphics (2.6 GHz base frequency, up to 5.0 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores); Intel® Core™ i5-10400H with Intel® UHD Graphics (2.6 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores), supports Intel® vPro® Technology; Intel® Core™ i7-10850H with Intel® UHD Graphics (2.7 GHz base frequency, up to 5.1 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores), supports Intel® vPro® Technology; Intel® Core™ i9-10885H with Intel® UHD Graphics (2.4 GHz base frequency, up to 5.3 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores), supports Intel® vPro® Technology; Intel® Xeon® W-10885M with Intel® UHD Graphics (2.4 GHz base frequency, up to 5.3 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores), supports Intel® vPro® technology
Chipset	Intel® WM490
Display size (diagonal)	15.6"[21,23,32]
Maximum memory	128 GB DDR4-2667 non-ECC SDRAM; 64 GB DDR4-2667 ECC SDRAM [7] Transfer rates up to 2667 MT/s.
Memory slots	4 SODIMM; supports dual channel
Internal storage	256 GB up to 4 TB PCIe® NVMe™ M.2 SSD [11,19] 256 GB up to 512 GB 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	15.6" diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 45% NTSC; 15.6" diagonal, FHD (1920 x 1080), IPS, anti-glare, 400 nits, 72% NTSC; 15.6" diagonal, FHD (1920 x 1080), IPS, anti-glare, 1000 nits, 72% NTSC, HP Sure View Reflect integrated privacy screen; 15.6" diagonal, 4K UHD (3840 x 2160), touch, IPS, anti-reflection Corning® Gorilla® Glass 5, 600 nits, 100% DCI-P3; 15.6" diagonal, 4K UHD (3840 x 2160), IPS, anti-glare, 600 nits, 100% DCI-P3, Next Gen HP DreamColor [21,23,32]
Available Graphics	Integrated: Intel® UHD Graphics[16] Discrete: NVIDIA® Quadro RTX™ 4000 (8 GB GDDR6 dedicated); NVIDIA® Quadro RTX™ 5000 (16 GB GDDR6 dedicated); NVIDIA® Quadro RTX™ 3000 (6 GB GDDR6 dedicated); AMD Radeon™ Pro W5500M (4 GB GDDR6 dedicated); NVIDIA® Quadro™ T2000 (4 GB GDDR6 dedicated); NVIDIA® Quadro® T1000 (4 GB GDDR6 dedicated); AMD Radeon™ RX 5500M (4 GB GDDR6 dedicated)
Audio	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 [45]
Wireless technologies	Optional Near Field Communication (NFC) module - WNC XRAV-1 NFC
Expansion slots	1 smart card reader; 1 SD 4.0 media card reader
Ports and Connectors	Left side: 1 RJ-45; 1 USB 3.1 Gen 1 (charging); 1 USB 3.1 Gen 1; 1 headphone/microphone combo Right side: 1 power connector; 1 Mini DisplayPort™ 1.4; 1 HDMI 2.0b; 2 Thunderbolt™ 3 (40Gbps signaling rate) with SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge)[6,15,48]
Input devices	HP Premium Quiet Keyboard – spill-resistant, full-size, backlit keyboard with programmable key; Dual pointstick; Clickpad with multi-touch gestures enabled, taps enabled as default; Microsoft Precision Touchpad Default Gestures Support
Communications	LAN: Integrated Intel® I219-LM GbE, vPro®; Integrated Intel® I219-V GbE, non-vPro® [12] WLAN: Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo, vPro®; Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo, non-vPro® [13]; WWAN: Intel® XMM™ 7360 LTE Advanced [14]
Camera	720p HD camera; 720p HD IR camera [17,18]
Security management	Absolute persistence module; HP Power On Authentication; Security lock slot; Trusted Platform Module TPM 2.0 Embedded Security Chip; Master Boot Record security; Pre-boot authentication; HP Sure Click; Windows Defender; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Sure Recover Gen3; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure Admin; HP Image Assistant; HP Sure View Reflect; HP Tamper Lock; HP Client Security Manager Gen6[22,24,27,30,31,32,33,34,38,46,47,49,50,51,52]
Fingerprint reader	Fingerprint reader (select models)
Power	200 W UltraSlim Smart external AC power adapter; 120 W Slim Smart external AC power adapter; 150 W Slim Smart external AC power adapter[20]
Battery type	HP Long Life 8-cell, 94 Wh Li-ion polymer [37]
Dimensions	35.7 x 24.25 x 2.59 cm
Weight	Starting at 2.42 kg (Weight varies by configuration and components.)
Energy efficiency compliance	ENERGY STAR® certified and EPEAT® 2.0 registered where applicable. EPEAT® registration varies by country. See www.epeat.net for registration status by country.[41]
Environmental specifications	Low halogen[42]

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Accessories and services (not included)

HP Wireless Premium Mouse

Create a sleek, professional, clutter-free workspace and give yourself room to move around with the HP Wireless Premium Mouse, which integrates seamlessly with your HP notebook.
Product number: 1JR31AA

HP Z24n G2 24-inch Display

Be a productive powerhouse with the sleek WUXGA HP Z24n G2 24-inch Display. This virtually seamless display is factory-tested for reliability and longevity with integrated color calibration, uninterrupted multi-screen[1] tiling, and expansive device connections, including USB-C™.
Product number: 1JS09A4

HP Thunderbolt Dock G2 with Combo Cable

Reinvent docking and boost productivity with our most versatile Thunderbolt™ dock, the small, sophisticated HP Thunderbolt Dock G2. Designed for workspace flexibility and network manageability[1], it delivers USB-C™[2] device connectivity and optional integrated audio.[3]
Product number: 3TR87AA

HP 150W Slim Smart AC Adapter (4.5mm)

Add an additional adapter and always have one available in the office or at home.
Product number: 4SC18AA

HP Executive 15.6 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: 6KD06AA

HP Sure Key Cable Lock

Take the guess work out of securing your notebook, display, dock, and accessories with the removable, interchangeable heads of the HP Sure Key Cable Lock.[1]
Product number: 6UW42AA

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: U1G39E

HP Care Pack

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Messaging Footnotes

[1] When compared to HP ZBook 15 G6.
[2] HP Sure View integrated privacy screen is an optional feature that must be configured at purchase
[3] 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.
[4] One-billion colors through A-FRC technology
[5] DreamColor display required for 1 billion colors and is an optional or add on feature.
[6] 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.
[7] Up to 128GB memory is an optional, configurable feature.
[8] 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.
[9] Adobe Premier Pro and Autodesk 3ds Max sold separately.
[10] 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.
[11] 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. 8TB available at launch, 10TB planned to be available September, 2020. Speed based on 10TB PCIe NNVMe storage.
[12] Based on HP's unique and comprehensive security capabilities at no additional cost among desktop workstation vendors as of Sept. 2017 on HP Mobile Workstations with 7th Gen and higher Intel® Processors. HP Sure View integrated privacy screen is an optional feature that must be configured at purchase. HP Sure Start Gen5 is available on select HP PCs with Intel processors. See product specifications for availability. HP Sure Sense requires Windows 10. See product specifications for availability. Infrared camera and fingerprint scanner are optional, configurable features.
[13] 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.
[14] HP Thunderbolt Dock with Thunderbolt™ 3 sold separately. External displays sold separately. Optional hybrid graphics is required to run up to two external 4K displays.
[15] Based on internal testing vs. previous generation product with 802.11ac wireless LAN module.

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 2400 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: Intel® UHD Graphics 630 integrated
[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.
[19] 4TB PCIe Gen 3 x4 NVMe M.2 SSD TLC Option will be available by end of 2020, and requires factory configuration.
[20] 120 W power adapter is configurable with Intel UMA graphics. 150 W power adapter is configurable with NVIDIA Quadro T1000 and T2000 configurations. 200 W power adapter is configurable with NVIDIA Quadro RTX 3000 or higher configurations.
[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] HP Client Security Manager Gen6 requires Windows and is available on select HP Elite, Pro and Workstations.
[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://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] HP Tamper Lock is an optional feature that must be configured at the factory and requires a supervisor password be established prior to use.
[33] Microsoft Defender Opt in and internet connection required for updates.
[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.
[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. RGS requires Windows, RHEL (7 or 8), UBUNTU 18.04 LTS, or HP ThinPro 7 operating systems. MacOS (10.13 or newer) operating system is only supported on the receiver side. Requires network access. The software is available for download at hp.com/ZCentralRemoteBoost.
[40] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[41] 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 Sure View Reflect integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
[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 requires Windows 10 Pro or Enterprise and supports Microsoft Internet Explorer, Google Chrome™, and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.
[51] HP Sure Run Gen3 is available on select Windows 10 based HP Pro, Elite and Workstation PCs with select Intel® or AMD processors
[52] HP Sure Admin requires Windows 10, HP BIOS, HP Manageability Integration Kit from http://www.hp.com/go/clientmanagement and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.

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