ProductSheet
# HP ZBook Fury 17 G7 Mobile Workstation (2R0Y1UP)

## Ultimate Z performance just got more portable

HP's thinnest and most powerful 17"
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 11 Pro for business

**Unleash the unthrottled power of Z**
For the first time ever, get simultaneous, unthrottled performance from the latest Intel®
CPUs and pro-grade graphics. 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 29% smaller than last gen with even more power, our flagship ZBook delivers extreme
performance on the go[2]. And, noise canceling microphones make collaboration easy from
anywhere.

**HP's most expandable 17" mobile workstation**
Get desktop-level storage and memory with slots for up to 128GB of RAM, and capacity for
a 10TB hard drive[3]. Expansion and servicing are simple with tool-free access to
removable components and an extensive port selection for critical accessories.

## Specifications

| | |
|---|---|
| **Operating system** | Windows 10 Pro 64 |
| **Processor family** | 10th Generation Intel® Core™ i7 processor |
| **Processor** | Intel® Core™ i7-10850H (2.7 GHz base frequency, up to 5.1 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores) |
| **Processor technology** | Intel® Core™ i7 with vPro™ Technology |
| **Chipset** | Intel® WM490 |
| **Memory** | 32 GB DDR4-2666 MHz RAM (2 x 16 GB) |
| **Memory Slots** | 4 SODIMM; supports dual channel |
| **Internal Storage** | 256 GB PCIe® NVMe™ SSD |
| **Optical drive** | Not included |
| **Graphics** | Discrete |
| **Graphics (discrete)** | NVIDIA® Quadro® T1000 (4 GB GDDR6 dedicated) |
| **Graphics** | Integrated |
| **Graphics (integrated)** | Intel® UHD Graphics |
| **Display** | 43.9 cm (17.3") diagonal, 4K UHD (3840 x 2160), IPS, anti-glare, 550 nits, HDR 400, 100% AdobeRGB, HP DreamColor |
| **Display** | 17.3" diagonal, 4K UHD (3840 x 2160), IPS, anti-glare, 550 nits, HDR 400, 100% AdobeRGB, HP DreamColor[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 microphone, 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 6.08 lbs *(Weight varies by configuration and components.)* |
| **Keyboard** | HP Premium Quiet Keyboard – spill-resistant, full-size, backlit keyboard with programmable key |
| **Ports** | 1 RJ-45; 1 USB 3.1 Gen 1 (charging); 2 USB 3.1 Gen 1; 1 headphone/microphone combo[54,56] |
| **Expansion slots** | 1 smart card reader; 1 SD 4.0 media card reader |
| **Ports** | 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) |
| **Network interface type** | WLAN |
| **Wireless** | Intel® Wi-Fi CERTIFIED 6™ AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate) |
| **Power** | 150 W Slim Smart external AC power adapter[20] |
| **Battery type** | HP Long Life 8-cell, 94 Wh Li-ion polymer |
| **Ecolabels** | ENERGY STAR® certified |
| **Sustainable impact specifications** | Low halogen |
| **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 BIOSphere Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure Admin; HP Image Assistant; HP Tamper Lock; HP Client Security Manager Gen6[22,24,27,30,31,33,34,38,46,47,49,50,51,52] |
| **Software included** | Bing search for IE11; Buy Office; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Support Assistant; Native Miracast support; HP Connection Optimizer; HP Cloud Recovery; HP ZCentral Remote Boost Software; myHP[26,28,29,35,36,39] |
| **UPC number** | (AB0) 195161719660; (AB1) 195161719677; (AB2) 195161719684; (AB4) 195161719691; (AB5) 195161719707; (AB8) 195161719714; (ABA) 195161719721; (ABB) 195161719738; (ABD) 195161719745; (ABE) 195161719752; (ABF) 195161719769; (ABG) 195161719776; (ABH) 195161719783; (ABJ) 4573595572994; (ABL) 195161719790; (ABM) 195161719806; (ABU) 195161719813; (ABZ) 195161719820; (AC4) 195161719837; (AC8) 195161719851; (ACB) 195161719868; (ACF) 4573595573007; (ACJ) 195161719875; (ACQ) 195161719882; (AKD) 195161719899; (AKL) 195161719905; (BCM) 195161719912; (UUF) 195161719929; (UUG) 195161719936; (UUZ) 195161719943 |

## Top Recommended Displays, Accessories and Services

**Z Displays**

| HP Z32 31.5-inch 4K UHD Display | 1AA81A4 |

**Docking Stations**

| HP Thunderbolt Dock G2 with Combo Cable | 3TR87AA |

**Backpacks**

| HP Executive 17.3 Backpack | 6KD05AA |

**Keyboard and Mouse Kits**

| HP Slim Wireless Keyboard and Mouse | T6L04AA |

**Mice**

| HP Wireless Premium Mouse | 1JR31AA |
| HP X4000b Bluetooth Mouse | H3T50AA |

**PC Locks**

| HP Sure Key Cable Lock | 6UW42AA |
| HP Nano Keyed Cable Lock | 1AJ39AA |

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## Messaging Footnotes

[2] When compared to HP ZBook 17 G6

[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.

## Technical Specifications Footnotes

[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.

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

[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.

[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 7operating 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.

[46] HP Tamper Lock is an optional feature that must be configured at the factory and requires a supervisor password be established prior to use.

[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

[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.

[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.

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