HP ZBook Power G7 Mobile Workstation

HP’s most affordable mobile workstation

Now you can upgrade to professional ZBook performance and security at an unbelievably affordable price. Power up your productivity on a durable yet premium design, with pro-grade components including graphics certified for leading software applications.

Power through intensive workflows
- Blaze through 3D modeling workloads with up to NVIDIA® Quadro™ 2000 graphics, while eliminating painful slowdowns with Intel® Xeon® and Core™ i9 processors and 64GB memory. Plus, with dual 2TB M.2 SSDs you can store even your largest projects.

Certified, Secured, Supported.
- Get peace of mind with a secure, serviceable mobile workstation that's certified for the professional apps you use every day. HP Sure Suite advanced security features come standard while optional management tools simplify fleet-wide roll-outs.

Durable with a premium touch.
- With a sanitizable all-aluminum chassis and MIL-STD durability, this PC is tough enough to last, yet built with a premium touch. The four-sided narrow bezel maximizes screen real estate, while an optional 4K UHD display makes project details pop.

Work anywhere without compromising on performance or security with Windows 10 Pro and HP’s collaboration and connectivity technology.

NVIDIA Quadro GPUs, provide the interactive visual workspace you need to do great work wherever, whenever. With twice the CUDA cores as previous generations, NVIDIA Quadro GPUs deliver the performance professionals need to work from anywhere.

Take multitasking to the next level with 10th gen Intel® Core™ i9 or Intel® Xeon® processors built to handle multithreaded apps like Adobe Premiere Pro®, and with fast clock speeds to boost your speed on single threaded apps like Autodesk 3ds Max.

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

Have confidence with HP’s most secure mobile workstations, and defend against firmware and malware attacks with HP Sure Start and Sure Sense.

Built with the environment in mind, this Zbook includes recycled ocean-bound plastics, plastic-free packaging, and ultra-efficient power consumption.

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

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.

Work without limits in any location with up to 2TB of local PCIe storage.

HP recommends Windows 10 Pro for business
**HP ZBook Power G7 Mobile Workstation Specifications Table**

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**Processor family**
- 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**
- 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™ i9-10885H with Intel® UHD Graphics (2.7 GHz base frequency, up to 5.3 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores)
- supports Intel® vPro® Technology
- Intel® Core™ i7-10850H with Intel® UHD Graphics (2.8 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-10855M with Intel® UHD Graphics (2.8 GHz base frequency, up to 5.1 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores)
- supports Intel® vPro® Technology

**Chipset**
- Intel® WM490

**Available Graphics**
- Integrated Intel® UHD Graphics
- Discrete: NVIDIA® Quadro® P620 (4 GB GDDR5 dedicated); NVIDIA® Quadro® P620 (4 GB GDDR5 dedicated); NVIDIA® Quadro® T2000 (4 GB GDDR6 dedicated); NVIDIA® Quadro® T1000 (4 GB GDDR6 dedicated)

**Audio**
- HP Audio, dual stereo speakers, dual array digital microphone, functions keys for volume up and down, combo microphone/headphone jack, HD audio

**Wireless technologies**
- Optional Near Field Communication (NFC) module – WCL 9220-1 NFC

**Expansion slots**
- 1 smart card reader

**Ports and Connectors**
- Left side: 1 RJ-45; 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging); 1 HDMI 2.0
- Right side: 1 power connector; 1 Thunderbolt™ 3 (40Gbps signaling rate) with SuperSpeed USB Type-C® 10Gbps signaling rate (DisplayPort™ 1.2); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo

**Available Keyboards**
- HP Premium Quiet Keyboard – spill-resistant, full-size, backlit keyboard with programmable key

**Available pointing devices**
- Clickpad with multi-touch gestures enabled, taps enabled as default; Microsoft Precision Touchpad Default Gestures Support

**LAN**
- Integrated Intel® 219-V GbE, non-vPro®

**Wi-Fi**
- Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo, non-vPro®

**Camera**
- 720p HD camera, 720p HD IR camera

**Software**
- Bing search for E111; Buy Office; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Support Assistant; Native Minarcast support; HP Connection Optimizer; HP Cloud Recovery; HP ZCentral Remote Boost Software; myHP

**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 Fingerprint Sensor; HP Sure Sense; HP Sure Recover Gen3; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Run Gen6; HP Sure Admin; HP Image Assistant; HP Sure View Reflect; HP Tamper Lock; HP Client Security Manager Gen6

**Fingerprint reader**
- Fingerprint reader (select models)

**Power**
- 120 W Slim Smart external AC power adapter; 150 W Slim Smart external AC power adapter

**Battery type**
- HP Long Life 6-cell, 83 Wh Li-ion polymer

**Dimensions**
- 14.15 x 9.2 x 0.9 in; 35.94 x 23.39 x 2.86 cm

**Weight**
- Starting at 4.16 lb; Starting at 3.89 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.

**Environmental Specifications**
- Low halogen

**Warranty**
- Protected by HP including a 3 year standard limited warranty. Optional HP Care Pack Services are extended service contracts that extend your protection beyond the standard warranties. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc