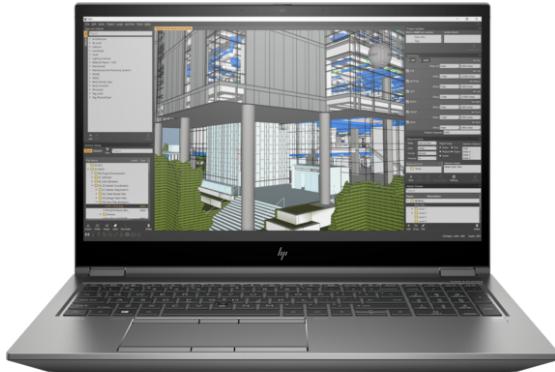


**Ultimate ZBook performance just got more portable**

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 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 12% smaller than last gen with even more power, our flagship ZBook delivers extreme performance on the go.[1] Plus, 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 harddrive.[3] Expansion and servicing are simple with tool-free access to removable components and an extensive port selection for critical accessories.

Featuring**Windows 10 Pro for Workstations 64**

Work without compromising on performance or security with Windows 10 Pro for Workstations, powered by HP's collaboration and connectivity technology. [2]

Intel® Core™ i7 processor

Run several CPU-heavy programs simultaneously without sacrificing performance with an Intel® Core™ i7 processor. [4]

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. [5]

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 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	16 GB DDR4-2666 SDRAM (1 x 16 GB)
Memory Slots	4 SODIMM; supports dual channel
Internal Storage	512 GB PCIe® NVMe™ TLC SED SSD
Optical drive	Not included
Graphics	Discrete
Graphics (discrete)	NVIDIA® Quadro RTX™ 3000 (6 GB GDDR6 dedicated)
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics
Display	39.6 cm (15.6") diagonal, FHD (1920 x 1080), IPS, anti-glare, 400 nits, 100% sRGB
Display	15.6" diagonal, FHD (1920 x 1080), IPS, anti-glare, 400 nits, 100% sRGB ^[21,23,32]
Display size (diagonal)	39.6 cm (15.6")
Display size (diagonal)	15.6"
Audio features	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)	35.7 x 24.25 x 2.59 cm
Minimum dimensions (W x D x H)	14.06 x 9.55 x 1.02 in
Weight	Starting at 2.35 kg (Weight varies by configuration and components.)
Weight	Starting at 5.18 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); 1 USB 3.1 Gen 1; 1 headphone/microphone combo
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)
Wireless	Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo, vPro®
Power	200 W Slim 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 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]
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	(ABA) 195161852916; (ABL) 195161852923

Top Recommended Displays, Accessories and Services

Z Displays

HP Z24n G2 24-inch Display	1JS09A4
HP Z27n G2 27-inch Display	1JS10A4
HP Z32 31.5-inch 4K UHD Display	1AA81A4

Docking Stations

HP Thunderbolt Dock G2 with Combo Cable	3TR87AA
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Cases

HP Executive 15.6 Top Load	6KD06AA
HP 15.6 Business Top Load	2SC66AA
HP Executive 17.3 Top Load	6KD08AA

Keyboard and Mouse Kits

HP Slim Wireless Keyboard and Mouse	T6L04AA
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Mice

HP Wireless Premium Mouse	1JR31AA
HP X4000b Bluetooth Mouse	H3T50AA

AC Adapters

HP 150W Slim Smart AC Adapter (4.5mm)	4SC18AA
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PC Locks

HP Sure Key Cable Lock	6UW42AA
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Messaging Footnotes

[1] When compared to Zbook 15 G6

[2] 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>.

[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] 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.

[5] 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

[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] 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.

[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.

[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" sanitization method. HP Secure Erase does not support

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