

HP ZBook Firefly 14 G8 Mobile Workstation (3V2W6UT)



ZBook performance, more mobile than ever.

Our smallest and lightest ZBook ever provides true mobility for people who push the typical business PC past its breaking point. In the field or at home, with pro-level performance and a color-accurate DreamColor display, you have everything you need to review work and manage projects from anywhere.



HP recommends Windows 10 Pro for business

Manage it on the move

At less than 5lbs^[1] our most mobile ZBook is made to move. With 3X faster Wi-Fi[®]^[2] and better battery life^[4], you're equipped for days offsite.

Pro-level performance. To go.

Say goodbye to slowdowns and power through projects and heavy workloads with the latest Intel[®] Core[™] processors and NVIDIA[®] T500 graphics, certified for pro apps. Open large files and run apps simultaneously for speedy multitasking and productivity.

Color accuracy to match the highest standards

Enjoy beautiful visuals even in direct light with a super-bright display. Images are more detailed and require less panning and zooming^[7]. All this in a modern, slim-bezel design that maximizes your viewing area.

Featuring

Windows 10 Pro 64

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

Intel[®] Core[™] i5 processor

Experience powerful performance and seamless computing for your everyday tasks and higher performance needs with the Intel[®] Core[™] i5 processor. ^[3]

14" (35.56 cm) Diagonal FHD Display

Get clear and sharp visuals in full high definition. Comfortably work without reflections on an anti-glare screen.

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]

HP Fast Charge

Ultra-fast recharge takes you from zero to 50% charge in just 30 minutes. ^[6]

Specifications

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|--|--|
| Operating system | Windows 10 Pro 64 |
| Processor family | 11th Generation Intel® Core™ i5 processor |
| Processor | Intel® Core™ i5-1135G7 (up to 4.2 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores) |
| Chipset | Intel® Integrated SoC |
| Memory | 16 GB DDR4-3200 MHz RAM (2 x 8 GB) |
| Memory Slots | 2 SODIMM, supports dual channel (integrated graphics configurations), Memory soldered down, supports dual channel (discrete graphics configurations) |
| Internal Storage | 256 GB PCIe® NVMe™ M.2 SSD |
| Optical drive | Not included |
| Graphics | Integrated |
| Graphics (integrated) | Intel® Iris® Xe Graphics |
| Display | 35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, anti-glare, 1000 nits, 72% NTSC, HP Sure View integrated privacy screen |
| Display | 14" diagonal, FHD (1920 x 1080), IPS, anti-glare, 1000 nits, 72% NTSC, HP Sure View integrated privacy screen ^[1,33,36,37] |
| Display size (diagonal) | 35.6 cm (14") |
| Display size (diagonal) | 14" |
| Audio features | 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 |
| Minimum dimensions (W x D x H) | 32.3 x 21.46 x 1.79 cm |
| Minimum dimensions (W x D x H) | 12.73 x 8.45 x 0.71 in |
| Weight | Starting at 1.35 kg (Weight varies by configuration and components.) |
| Weight | Starting at 2.98 lb (Weight varies by configuration and components.) |
| Keyboard | HP Collaboration Privacy Keyboard – spill-resistant, backlit keyboard |
| Camera | 720p HD IR camera |
| Ports | 1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging) |
| Ports | 1 power connector; 1 HDMI 1.4b; 2 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge) |
| Network interface type | WLAN |
| Wireless | Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo, non-vPro® |
| Power | HP Smart 65 W External AC Power Adapter |
| Battery type | HP Long Life 3-cell, 53 Wh Li-ion polymer |
| Battery recharge time | Supports battery fast charge: approximately 50% in 30 minutes |
| Sustainable impact specifications | Ocean-bound plastic in speaker enclosure; 40% post-consumer recycled plastic; External power supply 90% efficiency; Low Halogen; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable |
| Security management | HP Sure Click; HP Secure Erase; HP Manageability Integration Kit; HP Sure Sense; HP Sure Recover Gen3; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Admin; HP Sure View Reflect; HP Tamper Lock; MS Bitlocker Encryption; HP Proactive Security; HP Image Assistant Gen4.6; HP TPM Configuration Utility; HP Sure Run Gen4; HP Client Security Manager Gen7; HP Sure Recover Gen4 with Embedded Reimaging; Secured-core PC capable ^[24,25,31,32,34,38,40,42,43,44,45] |
| Software included | Bing search for IE11; Buy Office; CyberLink Power Media Player; HP Hotkey Support; HP Noise Cancellation Software; HP Performance Advisor; HP Recovery Manager; HP Support Assistant; Native Miracast support; HP Connection Optimizer; HP ZCentral Remote Boost Software; myHP; HP QuickDrop ^[18,19,20,22,23,26,55] |

Top Recommended Displays, Accessories and Services

Z Displays

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|-----------------------------|---------|
| HP Z24n G3 WUXGA Display | 1C4Z5AA |
| HP Z27q G3 QHD Display | 1C4Z7AA |
| HP Z27k G3 4K USB-C Display | 1B9T0AA |

Docking Stations

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|--|---------|
| HP USB-C Dock G5 | 26D32AA |
| HP USB-C Dock G5 | 5TW10AA |
| HP USB-C/A Universal Dock G2 | 5TW13AA |
| HP Thunderbolt Dock 120W G2 | 2UK37AA |
| HP Thunderbolt Dock 120W with HDMI Adapter | 6HP48AA |

Cases

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|---------------------------------|---------|
| HP Executive 14.1 Slim Top Load | 6KD04AA |
|---------------------------------|---------|

Backpacks

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|---------------------------------------|---------|
| HP Recycled Series 15.6-inch Backpack | 5KN28AA |
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Keyboard and Mouse Kits

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|-------------------------------------|---------|
| HP Slim Wireless Keyboard and Mouse | T6L04AA |
|-------------------------------------|---------|

Mice

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|---------------------------|---------|
| HP Bluetooth Travel Mouse | 6SP30AA |
| HP Elite Presenter Mouse | 2CE30AA |

AC Adapters

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|-------------------------|---------|
| HP 45W Smart AC Adapter | H6Y88AA |
|-------------------------|---------|

PC Locks

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

Messaging Footnotes

[1] Weight will vary by configuration.

[2] Based on Wi-Fi 5 80MHz and Wi-Fi 6 160MHz minimum requirements when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 802.11ax (Wi-Fi 6). Only available in countries where 802.11ax is supported. Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 (802.11ax) are draft 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 devices.

[3] 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.

[4] When compared to HP ZBook 14u G6.

[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.

[6] Recharges the battery up to 50% within 30 minutes when the system is off or in standby mode. Power adapter with a minimum capacity of 65 watts is required. After charging has reached 50% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.

[7] When compared to standard FHD displays.

Technical Specifications Footnotes

[11] HP DreamColor Panel available in the Q2 2021 timeframe.

[18] HP Support Assistant - Requires Windows and Internet Access.

[19] 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.

[20] Web-only Support

[22] 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>.

[23] HP Performance Advisor Software. Learn more or download at: <https://www8.hp.com/us/en/workstations/performance-advisor.html>

[24] HP BIOSphere Gen6 requires Windows 10 and is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations.

[25] 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.

[26] HP Connection Optimizer requires Windows 10.

[31] HP Sure Run Gen4 is available on select HP PCs and requires Windows 10.

[32] Secured-core PC requires an Intel® vPro® or AMD Ryzen™ Pro processor. Requires 8 GB or more system memory. Secured-core PC functionality can be enabled from the factory.

[33] 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.

[34] 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.

[36] Sold separately or as an optional feature.

[37] Resolutions are dependent upon monitor capability, and resolution and color depth settings.

[38] HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.

[40] 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™.

[42] HHP Sure Recover Gen4 with Embedded Reimaging is an optional feature which requires Windows 10 must be configured at purchase. You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Network based recovery using Wi-Fi is only available on PCs with Intel Wi-Fi Module.

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