

# HP ZBook Firefly 14 G7 Mobile Workstation (3V2V5UT)



## 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 office or in the field, with pro-level performance and a beautiful bright 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

Starting at just 3.1 lbs[1] our most mobile ZBook is made to move. With 3X faster Wi-Fi®[2], gigabit-class and better battery life[4], you're equipped for days offsite.

### Pro-level performance. To go

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

## 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. [7]

### 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. [8]

### HP Fast Charge

Ultra-fast recharge takes you from zero to 50% charge in just 30 minutes. [9]

### HP Collaboration Keyboard

Launch and manage calls from anywhere using Skype® with HP Noise Cancellation and the world-facing third microphone. Shortcut keys, including start/stop call, calendar and screen share, enable efficient and effective collaboration. [10]

## Specifications

<b>Operating system</b>	Windows 10 Pro 64
<b>Processor family</b>	10th Generation Intel® Core™ i5 processor
<b>Processor</b>	Intel® Core™ i5-10210U (1.6 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores)
<b>Chipset</b>	Intel® Integrated SoC
<b>Memory</b>	16 GB DDR4-2666 MHz ECC RAM (1 x 16 GB)
<b>Memory Slots</b>	2 SODIMM, supports dual channel (integrated graphics configurations); Memory soldered down, supports dual channel (discrete graphics configurations)
<b>Internal Storage</b>	256 GB PCIe® NVMe™ SSD
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	Intel® UHD Graphics
<b>Display</b>	35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 45% NTSC
<b>Display</b>	14" diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 45% NTSC <sup>[11,33,34,36,37]</sup>
<b>Display size (diagonal)</b>	35.6 cm (14")
<b>Display size (diagonal)</b>	14"
<b>Audio features</b>	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
<b>Minimum dimensions (W x D x H)</b>	32.3 x 21.46 x 1.79 cm
<b>Minimum dimensions (W x D x H)</b>	12.73 x 8.45 x 0.71 in
<b>Weight</b>	Starting at 1.41 kg (Weight varies by configuration and components.)
<b>Weight</b>	Starting at 3.1 lb (Weight varies by configuration and components.)
<b>Keyboard</b>	HP Premium Collaboration Keyboard – spill-resistant, full-size, backlit keyboard with DuraKeys
<b>Pointing device</b>	Clickpad with multi-touch gesture support
<b>Camera</b>	720p HD camera
<b>Ports</b>	1 headphone/microphone combo; 1 USB 3.1 Gen 1; 1 USB 3.1 Gen 1 (charging)
<b>Expansion slots</b>	1 smart card reader
<b>Ports</b>	1 power connector; 1 HDMI 1.4b; 2 USB Type-C™ (Thunderbolt™ 3)
<b>Network interface type</b>	WLAN
<b>Wireless</b>	Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo, non-vPro®
<b>Power</b>	HP Smart 65 W External AC Power Adapter
<b>Battery type</b>	HP Long Life 3-cell, 53 Wh Li-ion polymer
<b>Battery recharge time</b>	Supports battery fast charge: approximately 50% in 30 minutes
<b>Ecolabels</b>	ENERGY STAR® certified
<b>Sustainable impact specifications</b>	Low halogen
<b>Security management</b>	Absolute persistence module; HP Device Access Manager; HP Power On Authentication; Security lock slot; Trusted Platform Module TPM 2.0 Embedded Security Chip; Master Boot Record security; Pre-boot authentication; Microsoft Security Defender; HP Sure Click; HP Secure Erase; HP Manageability Integration Kit; HP Support Assistant; HP Sure Platform; HP Sure Sense; HP Sure Recover Gen3; HP BIOSphere Gen6; HP Sure Start Gen6; HP Sure Admin; HP Client Security Manager Gen6; Secured-core PC capable <sup>[18,19,20,21,22,23,35,53]</sup>
<b>Software included</b>	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; HP JumpStart; HP Mobile Connect Pro; Native Miracast support; HP Connection Optimizer; HP ZCentral Remote Boost Software <sup>[18,19,20,21,22,23,35]</sup>

## 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 120W G2	2UK37AA
HP Thunderbolt Dock 120W with HDMI Adapter	6HP48AA
HP USB-C Dock G5	26D32AA
HP USB-C Dock G5	5TW10AA

### Cases

HP Executive 15.6 Top Load	6KD06AA
HP 15.6 Business Top Load	2SC66AA
HP Recycled Series 15.6-inch Top Load	5KN29AA

### Keyboard and Mouse Kits

HP Slim Wireless Keyboard and Mouse	T6L04AA
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### Mice

HP Bluetooth Travel Mouse	6SP30AA
HP X4000b Bluetooth Mouse	H3T50AA

### AC Adapters

HP 45W Smart AC Adapter	H6Y88AA
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### PC Locks

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.

[4] When compared to HP ZBook 15u G6

[7] 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.

[8] 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.

[9] 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.

[10] Skype requires Internet access and is not available in China.

## Technical Specifications Footnotes

[11] UHD content required to view UHD images.

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

[19] HP Z Central Remote Boost Software - The remote desktop solution for serious workstation users and their most demanding applications. Download at: <http://www.hp.com/go/RGS>.

[20] Web-only Support

[21] HP Mobile Connect Pro is only available on preconfigured devices with WWAN. For geographic availability refer to <http://www.hp.com/go/mobileconnect>.

[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 - 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>

[33] HP Sure View Gen3 is optional and must be configured at purchase.

[34] HP Sure View Gen3 available in 2nd half of 2019.

[35] HP Connection Optimizer requires Windows 10.

[36] Sold separately or as an optional feature.

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

[53] 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.

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