

HP ZBook Firefly 14 inch G11 A Mobile Workstation PC (B46P6UA)



Step up performance. Not size

Pro-level performance combines with true mobility in this amazingly sleek and powerful laptop. Stay productive wherever you're working with integrated graphics and an AMD® processor, AI-enhanced webcam and audio, and a stunning display—everything you need to collaborate and manage projects anywhere.



HP recommends Windows 11 Pro for business

Step up to pro-level performance

Say goodbye to lags and crashes and get fast responsiveness on projects with an AMD Ryzen™ PRO Processor.[1]

Work all day.[3] Anywhere.

Stay productive anywhere with our most mobile ZBook. Starting at 3.1 lbs[2] this sleek device is made to move.

Connect. Communicate. Collaborate

Work effectively anywhere with the 5MP camera[4] and AI software to block background noise.[5]

Featuring

AMD® Ryzen™ processor

Bring your ideas to life quickly and effectively with the latest AMD® Ryzen™ processors.

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. [6]

HP Fast Charge

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

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.

Wi-Fi 6E

Get a fast and reliable connection in dense wireless environments with Wi-Fi 6E [10]

Specifications

Operating system	FreeDOS
Processor family	AMD Ryzen™ 9 processor
Processor	AMD Ryzen™ 9 8945HS (up to 5.2 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads) ^[6,7]
Chipset	AMD integrated SoC
Memory	64 GB DDR5-5600 MT/s (2 x 32 GB)
Memory Slots	2 SODIMM; supports dual channel
Internal Storage	2 TB PCIe® Gen4 NVMe™ TLC M.2 SSD
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ 780M Graphics
Display	35.6 cm (14") diagonal, WQXGA (2560 x 1600), 120 Hz, IPS, anti-glare, 500 nits, 100% DCI-P3, HP DreamColor
Display	14" diagonal, WQXGA (2560 x 1600), 120 Hz, IPS, anti-glare, 500 nits, 100% DCI-P3, HP DreamColor ^[33,37]
Display size (diagonal)	35.6 cm (14")
Display size (diagonal)	14"
Audio	Audio by Poly Studio, 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)	31.56 x 22.43 x 1.99 cm
Minimum dimensions (W x D x H)	12.42 x 8.8 x 0.78 in
Weight	Starting at 1.41 kg (Weight varies by configuration and components.)
Weight	Starting at 3.1 lb; Starting at 3.12 lb (Weight varies by configuration and components.)
Keyboard	HP Premium Keyboard – spill resistant, backlit keyboard
Pointing device	Clickpad with multi-touch gesture support, taps enabled as default
Camera	5 MP IR camera
Ports	1 SuperSpeed USB Type-A 5Gbps signaling rate (charging); 1 HDMI 2.0b; 2 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge) ^[12,41]
Ports	1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate
Package dimensions (W x D x H)	483 x 69 x 305 mm
Wireless	MediaTek Wi-Fi 6E RZ616 (2x2) and Bluetooth® 5.3 wireless card
Power	65 W USB Type-C® slim adapter
Battery type	HP Long Life 3-cell, 56 Wh Li-ion polymer
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes ^[20]
Sustainable impact specifications	Low Halogen; Bulk packaging available; External power supply 90% efficiency; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 60% post-consumer recycled plastic
UPC number	198828812285

Top Recommended Displays, Accessories and Services

Series 7 Pro

HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm	8K157AA
HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk	8Y2K9AA
HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor - 727pk	8J9G2AA

Wired Headset

Poly Blackwire 8225 Stereo USB-C Headset +USB-C/A Adapter	8X223AA
Poly Blackwire 5220 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X231AA

Backpacks

HP Renew Business 17.3-inch Laptop Backpack	3E2U5AA
---	---------

Topload Bags

HP Renew Executive 16-inch Laptop Bag	6B8Y2AA
---------------------------------------	---------

Wireless Keyboards

HP 455 Programmable Wireless Keyboard	4R177AA
HP 475 Dual-Mode Wireless Keyboard	7N7B9AA
HP 975 Dual-Mode Wireless Keyboard	3Z726AA

Wireless Mice

HP 695 Rechargeable Wireless Mouse	8F1Y4AA
HP 935 Creator Wireless Mouse	1D0K8AA
HP 925 Ergonomic Vertical Mouse	6H1A5AA

Docking

HP Thunderbolt Dock 120W G4	4J0A2AA
HP USB-C Dock G5	26D32AA
HP USB-C Dock G5	5TW10AA

Messaging Footnotes

- [1] Multi-core 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. AMD's numbering is not a measurement of clock speed.
- [2] Lowest weight. Weight will vary by configuration.
- [3] Battery life will vary depending on the product model, configuration, loaded applications, features, use, wireless functionality and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See MobileMark25 battery benchmark <https://bapco.com/products/mobilemark-2018>/<https://bapco.com/products/mobilemark-25/> for additional details.
- [4] Optional feature that must be configured at purchase.
- [5] AI Noise Suppression is delivered automatically through Windows update or can be downloaded from <https://support.hp.com/us-en/drivers>. Requires Windows 10 or higher, compatible with internal PC speakers, microphone and analog headsets. The AI Noise Suppression setting can be configured through the Application HP Audio Control.
- [6] 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] Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where Wi-Fi 6E is supported.

Technical Specifications Footnotes

- [6] Multi-core 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. AMD's numbering is not a measurement of clock speed.
- [7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.
- [12] SuperSpeed USB 20Gbps is not available with Thunderbolt™ 4.
- [20] Recharges up to 50% within 30 minutes when the system is off or in standby mode when used with the power adapter provided with the notebook. Power adapter minimum of 65 watts required for battery capacities 56Whr or less. Power adapter minimum of 100 watts required for battery capacities greater than 56Whr and less than 83Whr. Power adapter minimum of 120 watts required for battery capacities greater than 83Whr and less than 100Whr. After charging has reached 90% capacity, charging speed will return to normal. Charging time may vary +/-10% due to System tolerance.
- [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.
- [37] Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- [41] Thunderbolt™ 4 and USB4™ maximum speed of 40Gbps will be divided between the different data workstreams.

© Copyright 2024 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Intel, Core, Iris, and Thunderbolt are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. AMD, Ryzen, and Radeon are trademarks of Advanced Micro Devices, Inc. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license. NVIDIA trademark and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. All other trademarks are the property of their respective owners.

