ProductSheet
HP ZBook Firefly 16 inch G11 Mobile Workstation PC (A11SKLT)

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 or discrete graphics and 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 crashes and multi-task without a hitch with an Intel® CPU[1] and integrated or discrete GPU.[8]

Work all day. Anywhere
Stay productive anywhere with our most mobile ZBook. Starting at 3.88 lbs[3] this sleek device is made to move.

Connect. Communicate. Collaborate
Work effectively anywhere with Wi-Fi 6E[9], a 5MP camera[2] and AI software to block background noise.[10]

Featuring

Windows 11
Work anywhere without compromising on performance or security with Windows 11 powered by HP's collaboration and connectivity technology.

Intel® Core™ Ultra Processor
Unleash productivity with a new architecture that delivers power-efficient performance for complex business workloads and is purpose-built for the next era of AI software by sending the right task to the right engine at the right time. [4]

NVIDIA® Graphics
Tackle your biggest projects with an optional NVIDIA RTX™ A500 Laptop GPU; certified for pro apps.

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. [11]

HP Fast Charge
Ultra-fast recharge takes you from zero to 50% charge in just 30 minutes. [12]

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Specifications

Operating system	Windows 11 Pro[1]
Processor family	Intel® Core™ Ultra 7 processor
Processor	Intel® Core™ Ultra 7 155H (up to 4.8 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 16 cores, 22 threads) [6,7]
Chipset	Intel® Integrated SoC
Memory	16 GB DDR5-5600 MHz RAM (1 x 16 GB)
Memory Slots	2 SODIMM; supports dual channel
Internal Storage	512 GB PCIe® NVMe™ SSD
Graphics	Discrete
Graphics (discrete)	NVIDIA RTX™ A500 Laptop GPU (4 GB GDDR6 dedicated)
Graphics	Integrated
Graphics (integrated)	Intel® Arc™ Graphics
Display	40.6 cm (16") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, 45% NTSC
Display	16" diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, 45% NTSC[33,37]
Display size (diagonal)	40.6 cm (16")
Display size (diagonal)	16"
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)	35.87 x 25.13 x 1.92 cm
Minimum dimensions (W x D x H)	14.12 x 9.89 x 0.76 in
Weight	Starting at 1.79 kg *(Weight varies by configuration and components.)*
Weight	Starting at 3.96 lb *(Weight varies by configuration and components.)*
Keyboard	HP Premium Quiet Keyboard – spill-resistant, full-size, backlit keyboard with drain and DuraKeys
Pointing device	Clickpad with multi-touch gesture support, taps enabled as default
Camera	5 MP IR camera
Ports	2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 1 USB Type-A 5Gbps signaling rate; 1 HDMI 2.1[25,36,57]
Ports	1 USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo
Package dimensions (W x D x H)	552 x 69 x 345 mm
Wireless	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card
Power	100 W USB Type-C® 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[23]
Ecolabels	TCO Certified
Energy star certified	ENERGY STAR® certified
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
UPC number	(ABM) 198122691104; (AC8) 198122691098; (AKH) 198122691081

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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

Speakerphones

Poly Sync 20+ USB-C Speakerphone	772D0AA
Poly Sync 20 USB-C Speakerphone	7F0J7AA
Poly Sync 10 USB-A USB-C Speakerphone	772C3AA

Wireless Headset

Poly Voyager Surround 85 UC USB-C Headset +USB-C/A Adapter +Charging Stand	8G7T7AA
Poly Voyager Focus 2 USB-C-C Headset +USB-C/A Adapter	9T9J3AA
Poly Voyager 4320 USB-C Headset +BT700 dongle +Charging Stand	77Z31AA

Backpacks

HP Renew Business 17.3-inch Laptop Backpack	3E2U5AA

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

Messaging Footnotes

[1] 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. Optional, configurable feature that must be configured at purchase.

[2] Optional feature that must be configured at purchase.

[3] Lowest weight. Weight will vary by configuration.

[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. Optional feature that must be configured at purchase

[8] Optional, configurable feature that must be configured at purchase.

[9] Wi-Fi 6E is an optional feature that must be configured at purchase. 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.

[10] 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.

[11] 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.

[12] 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.

Technical Specifications Footnotes

[1] 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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.

[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. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See http://www.intel.com/technology/turboboost/ for more information.

[23] 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.

[25] SuperSpeed USB 20Gbps is not available with Thunderbolt™ 4.

[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.

[36] HDMI cable sold separately.

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

[57] Thunderbolt™ 4 and USB4™ maximum speed of 40Gbps will be divided between the different data workstreams.