ProductSheet
HP ZBook Firefly 14 inch G9 Mobile Workstation PC Wolf Pro Security Edition (6N2F7UT)

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-enhancing webcam and audio, and a stunning display—everything you need to collaborate and manage projects anywhere.

HP recommends Windows 11 Pro for business

Upgrade to pro-level performance
Say goodbye to crashes and multi-task without a hitch with an Intel® CPU[1] and integrated or discrete GPU.[2]

Work all day. Anywhere.
Stay productive anywhere with our most mobile ZBook. Starting at 3.25 lbs[4] this sleek device is made to move.

Connect. Communicate. Collaborate.
Work effectively anywhere with the auto-framing 5MP camera[10] and discrete audio amps to block background noise.

Featuring

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

Intel® Core™ i7 processor
Run several CPU–heavy programs simultaneously without sacrificing performance with an Intel® Core™ i7 processor. [3]

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. [7]

HP Fast Charge
Ultra-fast recharge takes you from zero to 50% charge in just 30 minutes. [8]

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.

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Specifications

Operating system	Windows 11 Pro (preinstalled with Windows 10 Pro Downgrade)[1,2]
Processor family	12th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-1255U (up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)[6,7]
Chipset	Intel® Integrated SoC
Memory	16 GB DDR5-4800 MHz RAM (2 x 8 GB)
Memory Slots	2 SODIMM; supports dual channel
Internal Storage	512 GB PCIe® NVMe™ TLC SSD
Graphics	Discrete
Graphics (discrete)	NVIDIA® T550 Laptop GPU (4 GB GDDR6 dedicated)
Graphics	Integrated
Graphics (integrated)	Intel® Iris® Xᵉ Graphics
Display	35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC
Display	14" diagonal, WUXGA (1920 x 1200), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC[11,33,36,37]
Display size (diagonal)	35.6 cm (14")
Display size (diagonal)	14"
Audio	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)	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 1.47 kg *(Weight varies by configuration and components.)*
Weight	Starting at 3.26 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	5MP HD IR camera
Ports	1 smart card reader
Ports	1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate
Package dimensions (W x D x H)	449 x 69 x 305 mm
Wireless	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate)
Power	65 W USB Type-C™ adapter
Battery type	HP Long Life 3-cell, 51 Wh Li-ion polymer
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes
Ecolabels	TCO Certified
Energy star certified	ENERGY STAR® certified
Management features	HP Power Manager[15]
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 BIOSphere Gen6; HP Sure Start Gen6; MS Bitlocker Encryption; HP Proactive Security; Nano Security Lock Slot; 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; TPM 2.0 Embedded Security Chip; Infineon SLB9670; Camera privacy shutter[24,25,29,31,32,33,34,38,40,42,43,44,45]
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 PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows; HP Privacy Settings; HP Programmable Key; HP QuickDrop; HP Touchpoint Customizer; HP WorkWell; Tile™ App (optional)[18,19,20,21,22,23,26,55]
UPC number	(ABA) 196786302817; (ABL) 196786302824

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Top Recommended Displays, Accessories and Services

Z Displays

HP Z34c G3 WQHD Curved Display	30A19AA
HP Z27k G3 4K USB-C Display	1B9T0AA
HP Z27u G3 QHD Display	1B9X2AA

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

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

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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.

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

[7] 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.

[8] 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] Requires the myHP application and Windows OS.

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.

[2] This system is preinstalled with Windows 10 Pro software and also comes with a license for Windows 11 Pro software and provision for recovery software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.

[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 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.

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

[15] Manage and monitor your battery's performance and condition and customize charging options with the easy-to-use HP Power Manager dashboard.

[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

[21] Tile™ requires Windows 10. Some features require optional subscription to Tile Premium. Ring feature not available on HP Elite G8 Laptops. Tile application for Windows 10 available for download from the Windows Store. Mobile phone app available for download from App Store and Google Play. Requires iOS 11 and greater or Android 6.0 and greater see https://support.thetileapp.com/hc/en-us/articles/200424778 for more information. HP Tile will function as long as the PC has battery power.

[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 features may vary depending on the platform and configuration.

[25] HP Sure Admin requires Windows 10 or higher, 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. HP Client Security Manager Gen7 requires Windows and is available on the select HP Elite and Pro PCs.

[26] HP Connection Optimizer requires Windows 10.

[29] HP Sure Click requires Windows 10 Pro or higher or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.

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