

HP ZBook Firefly 15 G7 Mobile Workstation (111D9EA)



ZBook performance, more mobile than ever

Our lightest 15" ZBook 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 full-size numeric keypad, you have everything to review work and manage projects from anywhere.



HP recommends Windows 10 Pro for business

Manage it on the move

Starting at just 3.8 lbs[1] our most mobile 15" ZBook is made to move. With 3X faster Wi-Fi®[2], gigabit-class 4G LTE[3] and better battery life[4], you're equipped for days offsite. And HP SureView privacy screen guards private information from prying eyes.[5]

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 for Workstations 64

Work without compromising on performance or security with Windows 10 Pro for Workstations, powered by HP's collaboration and connectivity technology. [8]

Intel® Core™ i7 processor

Run several CPU-heavy programs simultaneously without sacrificing performance with an Intel® Core™ i7 processor. [9]

15.6" Diagonal FHD Display At 250 Nits

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. [10]

HP Fast Charge

Ultra-fast recharge takes you from zero to 50% charge in just 30 minutes. [11]

Specifications

Operating system	Windows 10 Pro for Workstations 64 – HP recommends Windows 10 Pro for business
Processor family	10th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-10510U (1.8 GHz base frequency, up to 4.9 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores)
Chipset	Intel® Integrated SoC
Memory	16 GB DDR4-2666 ECC SDRAM (2 x 8 GB)
Memory Slots	2 SODIMM; supports dual channel
Internal Storage	512 GB PCIe® NVMe™ SSD
Optical drive	Not included
Graphics	Discrete
Graphics (discrete)	Intel® UHD Graphics
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics
Display	39.6 cm (15.6") diagonal FHD IPS anti-glare WLED-backlit, 400 nits, 72% NTSC (1920 x 1080)
Display	15.6" diagonal FHD IPS anti-glare WLED-backlit, 400 nits, 72% NTSC (1920 x 1080) ^[11,33,34,36,37]
Display size (diagonal)	39.6 cm (15.6")
Display size (diagonal)	15.6"
Audio features	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
Minimum dimensions (W x D x H)	35.95 x 23.36 x 1.92 cm
Minimum dimensions (W x D x H)	14.15 x 9.19 x 0.76 in
Weight	Starting at 1.75 kg (Weight varies by configuration and components.)
Weight	Starting at 3.74 lb (Weight varies by configuration and components.)
Keyboard	HP Premium Collaboration Keyboard – spill-resistant, full-size, backlit keyboard with DuraKeys
Pointing device	Clickpad with multi-touch gesture support
Camera	720p HD IR camera
Ports	1 headphone/microphone combo; 1 USB 3.1 Gen 1 (charging)
Expansion slots	1 smart card reader
Ports	1 power connector; 1 HDMI 1.4b; 2 USB Type-C™ (Thunderbolt™ 3)
Network interface type	WLAN
Network interface	Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo, non-vPro™
Power	65 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
Energy efficiency	ENERGY STAR® certified
Environmental	Low halogen
Security management	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 Secure Erase; HP Manageability Integration Kit; HP Support Assistant; HP BIOSphere with HP Sure Start; HP Sure Recover; HP Sure Recover with Embedded Reimaging ^[24,25,26,31,38,40,42,43,44,45,46,48]
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; HP JumpStart; HP Mobile Connect Pro; Native Miracast support; HP Connection Optimizer
UPC number	(A2M) 195122401351; (A2N) 195122401337; (AB6) 195122401368; (AB7) 195122401399; (AB8) 195122401412; (AB9) 195122401375; (ABB) 195122401382; (ABD) 195122401405; (ABE) 195122401429; (ABF) 195122401436; (ABH) 195122401443; (ABN) 195122401467; (ABT) 195122401450; (ABU) 195122401474; (ABV) 195122401481; (ABY) 195122401498; (ABZ) 195122401504; (ACB) 195122401511; (ACQ) 195122401528; (AK8) 195122401542; (AKC) 195122401535; (AKD) 195122401597; (AKE) 195122401559; (AKQ) 195122401566; (AKS) 195122401580; (B10) 195122401573; (BCM) 195122401603; (BED) 195122401610; (UUG) 195122401658; (UUZ) 195122401634

Top Recommended Displays, Accessories and Services

Docking Stations

HP Thunderbolt Dock 120W G2	2UK37AA
HP USB-C Dock G5	5TW10AA

Cases

HP Executive 15.6 Top Load	6KD06AA
HP 15.6 Business Top Load	2SC66AA
HP Executive 17.3 Top Load	6KD08AA

Keyboard and Mouse Kits

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

Mice

HP Bluetooth Travel Mouse	6SP30AA
HP X4000b Bluetooth Mouse	H3T50AA

AC Adapters

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

PC Locks

HP Sure Key Cable Lock	6UW42AA
HP Keyed Cable Lock 10 mm	T1A62AA

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]Gigabit class Category 16 4G LTE module is optional and must be configured at the factory. Module designed for up to 1 Gbps download speeds as carriers deploy 5 carrier aggregation and 100MHz channel bandwidth, requires activation and separately purchased service contract. Backwards compatible to HSPA 3G technologies. Check with service provider for coverage and availability in your area. Connection, upload and download speeds will vary due to network, location, environment, network conditions, and other factors. 4G LTE not available on all products, in all regions.

[4]When compared to HP ZBook 15u G6

[5]HP Sure View is an optional feature, requires factory configuration and is designed to operate in landscape orientation.

[8] 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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.

[9] 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.

[10] 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.

[11] 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

[11] UHD content required to view UHD images.

[24] HP BIOSphere Gen5 is available on select HP Pro, Elite and ZBook PCs. See product specifications for details. Features may vary depending on the platform and configurations.

[25] Absolute agent is shipped turned off, and will be activated when customers activate a purchased subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. The Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: <http://www.absolute.com/company/legal/agreements/computrace-agreement>. Data Delete is an optional service provided by Absolute Software. If utilized, the Recovery Guarantee is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either obtain a PIN or purchase one or more RSA SecurID tokens from Absolute Software.

[26] HP Support Assistant requires Windows and Intel® 8th generation processors.

[31] Microsoft Defender Opt in and internet connection required for updates.

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

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

[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] Security lock slot is Lock sold separately.

[42] HP Sure Recover Gen2: See product specifications for availability. Requires an open, wired network connection. Not available on platforms with multiple internal storage drives. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data. HP Sure Recover (Gen1) does not support platforms with Intel® Optane™.

[43] HP Sure Recover with Embedded Reimaging Gen2 is an optional feature which must be configured at purchase. See product specifications for availability. Not available on platforms with multiple internal storage drives. You must back up important files, data, photos, videos, etc. before use to avoid loss of data. HP Sure Recover with Embedded Reimaging (Gen1) does not support platforms with Intel® Optane™.

[44] HP Client Security Manager Gen5 requires Windows and is available on select HP Pro, Elite and ZBook PCs. See product specifications for details.

Learn more at
hp.com

© Copyright 2020 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, Optane, Celeron, Pentium, Iris, XMM, and Thunderbolt are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. AMD, Ryzen, Athlon, 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 and GeForce are trademarks 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. McAfee and McAfee LiveSafe are trademarks or registered trademarks of McAfee LLC 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.

