



# HP ZBook Firefly G9 Mobile workstation 35.6 cm (14") WQXGA Intel® Core™ i7 i7-1255U 32 GB DDR5-SDRAM 1 TB SSD NVIDIA Quadro T500 Wi-Fi 6E (802.11ax) Windows 11 Pro Silver



Brand : HP

Product family: ZBook Firefly

Product code: 6B8E5EA

Product name : G9

- Intel® Core™ i5-7200U with Intel® HD Graphics 620 (2.5 GHz base frequency, up to 3.1 GHz with Intel® Turbo Boost Technology, 3 MB cache, 2 cores)
- Windows 11 Pro
- 35.6 cm (14") diagonal WQXGA display
- NVIDIA® T550 Laptop GPU (4 GB GDDR6 dedicated)
- 32 GB memory; 1 TB SSD storage

ZBook Firefly 14 inch G9 Mobile Workstation PC Wolf Pro Security Edition- Data Science, 14", Windows 11 Pro, Intel® Core™ i7, 32GB RAM, 1TB SSD, T550, WQXGA

HP ZBook Firefly G9 Mobile workstation 35.6 cm (14") WQXGA Intel® Core™ i7 i7-1255U 32 GB DDR5-SDRAM 1 TB SSD NVIDIA Quadro T500 Wi-Fi 6E (802.11ax) Windows 11 Pro Silver:

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.



Design		Network	
Product type *	Mobile workstation	Bluetooth	✓
Product colour *	Silver	Bluetooth version	5.3
Form factor *	Clamshell	<b>Ports &amp; interfaces</b>	
Market positioning	Performance	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Introduction year	2022	HDMI ports quantity *	1
Country of origin	China	HDMI version	2.0b
<b>Display</b>		Thunderbolt 4 ports quantity	2
Display diagonal *	35.6 cm (14")	Combo headphone/mic port	✓
Display resolution *	2560 x 1600 pixels	Charging port type	USB Type-C
Touchscreen *	✗	USB Type-C DisplayPort Alternate Mode	✓
HD type	WQXGA	USB Power Delivery	✓
Panel type	IPS	USB Sleep-and-Charge	✓
Anti-glare screen	✓	USB Sleep-and-Charge ports	2
Display brightness	500 cd/m <sup>2</sup>	<b>Keyboard</b>	
Display diagonal (metric)	35.6 cm	Keyboard special features	Spill-resistant
RGB colour space	DCI-P3	Pointing device	Touchpad
Colour gamut	100%	Numeric keypad *	✗
<b>Processor</b>		Keyboard backlit	✓
Processor manufacturer *	Intel	Spill-resistant keyboard	✓
Processor generation	12th gen Intel® Core™ i7	Full-size keyboard	✓
Processor family *	Intel® Core™ i7	Input device model	HP Premium Quiet Keyboard
Processor model *	i7-1255U		
Processor boost frequency	4.7 GHz		
Processor threads	12		
Processor cores	10		
Processor cache	12 MB		
Processor cache type	L3		
Motherboard chipset	Intel SoC		
Configurable TDP-down	12 W		
<b>Memory</b>			
Internal memory *	32 GB		
Internal memory type	DDR5-SDRAM		

Memory		Software	
Memory clock speed	4800 MHz		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)
Memory form factor	SO-DIMM		
Memory layout (slots x size)	2 x 16 GB		
Memory slots	2x SO-DIMM		
Number of free internal memory expansion slots	2	Pre-installed software	
Memory channels	Dual-channel		
Storage			
Total storage capacity *	1 TB		
Storage media *	SSD		
Total SSDs capacity	1 TB		
Number of SSDs installed	1	Operating system installed *	Windows 11 Pro
SSD capacity	1 TB	Bundled software	HP Wolf Pro Security Edition (1 year)
SSD memory type	TLC		
SSD interface	PCI Express, NVMe	Processor special features	
NVMe	✓	Intel Flex Memory Access	✓
SSD form factor	M.2	Intel Trusted Execution Technology	✓
Optical drive type *	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Graphics		Execute Disable Bit	✓
Discrete GPU manufacturer	NVIDIA	CPU configuration (max)	1
Discrete graphics card model *	NVIDIA Quadro T500	Embedded options available	✗
On-board graphics card *	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board GPU manufacturer	Intel	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✓	Brand-specific features	
On-board graphics card family	Intel® HD Graphics	HP Connection Optimizer	✓
On-board graphics card model *	Intel® HD Graphics 620	HP Support Assistant	✓
Discrete graphics card memory	4 GB		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
Discrete graphics memory type	GDDR6		
Number of discrete graphics cards	1	HP Security tools	
Audio			
Audio system	B&O PLAY		
Built-in speaker(s)	✓		
Number of built-in speakers	2		
Speakers manufacturer	Bang & Olufsen		
Built-in microphone	✓		
Number of microphones	2		
Camera			
Front camera	✓		
Front camera HD type	HD	HP Management tools	HP Power Manager
Infrared (IR) camera	✓	HP segment	Business
Network		HP GTIN (EAN/UPC)	196786640681
Wi-Fi	✓	Battery	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Battery technology	Lithium Polymer (LiPo)
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Number of battery cells	3
Mobile network connection *	✗	Battery capacity *	51 Wh
Antenna type	2x2	Fast charging	✓
WLAN controller model	Intel Wi-Fi 6E AX211	Fast charging time (50%)	30 min
WLAN controller manufacturer	Intel	Power	
		AC adapter power	65 W
		Security	
		Cable lock slot	✓
		Fingerprint reader	✓
		Trusted Platform Module (TPM)	✓
		Trusted Platform Module (TPM) version	2.0
		Password protection	✓
		Password protection type	BIOS, Power on, User

<b>Sustainability</b>	
Sustainability compliance	✓
Sustainability certificates	TCO
Sustainable technologies and materials	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
<b>Weight &amp; dimensions</b>	
Width	315.6 mm
Depth	224.3 mm
Height	19.9 mm
Weight *	1.47 kg
<b>Packaging data</b>	
Package width	449 mm
Package depth	69 mm
Package height	305 mm
<b>Packaging content</b>	
Keyboard included	✓
<b>Logistics data</b>	
Harmonized System (HS) code	8471300000
<b>Other features</b>	
Number of speakers	2



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