



# HP ZBook Firefly 16 G10 Intel® Core™ i7 i7-1355U Mobile workstation 40.6 cm (16") WUXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX A500 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey



Brand : HP Product family: ZBook Firefly Product code: 866A2EA#ABH

Product name : 16 G10

HP ZBook Firefly 16 G10. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1355U. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics, Discrete graphics card model: NVIDIA RTX A500. Operating system installed: Windows 11 Pro. Product colour: Grey

Design		Camera	
Product type *	Mobile workstation	Front camera resolution (numeric)	5 MP
Product colour *	Grey	Front camera HD type	HD
Form factor *	Clamshell	Infrared (IR) camera	✓
Market positioning	Performance	<b>Network</b>	
Introduction year	2023	Wi-Fi	✓
<b>Display</b>		Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display diagonal *	40.6 cm (16")	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1200 pixels	Mobile network connection *	✗
Touchscreen *	✗	Antenna type	2x2
HD type	WUXGA	WLAN controller model	Intel Wi-Fi 6E AX211
Panel type	IPS	WLAN controller manufacturer	Intel
LED backlight	✓	Ethernet LAN	✗
Anti-glare screen	✓	Bluetooth	✓
Display brightness	400 cd/m <sup>2</sup>	Bluetooth version	5.3
Display diagonal (metric)	40.6 cm	<b>Ports &amp; interfaces</b>	
RGB colour space	sRGB	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Colour gamut	100%	HDMI ports quantity *	1
<b>Processor</b>		HDMI version	2.0b
Processor manufacturer *	Intel	Thunderbolt 4 ports quantity	2
Processor family *	Intel® Core™ i7	Combo headphone/mic port	✓
Processor generation	13th gen Intel® Core™ i7	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	i7-1355U	USB Sleep-and-Charge	✓
Processor cores	10	USB Sleep-and-Charge ports	1
Processor threads	12	<b>Performance</b>	
Processor boost frequency	5 GHz	Motherboard chipset	Intel SoC
Performance cores	2	<b>Keyboard</b>	
Efficient cores	8	Keyboard special features	Morsbestendig
Performance-core Max Turbo Frequency	5 GHz	Pointing device	Clickpad
Efficient-core Max Turbo Frequency	3.7 GHz	Numeric keypad *	✓
Processor cache	12 MB	Keyboard backlight	✓
Processor cache type	L3	Spill-resistant keyboard	✓
Configurable TDP-down	12 W	Full-size keyboard	✓
Processor base power	15 W	Keyboard layout	QWERTY
Maximum turbo power	55 W	Input device model	HP Premium stil toetsenbord
<b>Memory</b>		<b>Software</b>	
Internal memory *	32 GB	Operating system installed *	Windows 11 Pro
Internal memory type	DDR5-SDRAM		
Memory clock speed	5200 MHz		
Memory form factor	SO-DIMM		
Memory layout (slots x size)	1 x 32 GB		

<b>Memory</b>		<b>Processor special features</b>	
Memory slots	2x SO-DIMM	CPU configuration (max)	1
Maximum internal memory *	64 GB	<b>Brand-specific features</b>	
ECC	✗	HP Sure View	✓
Non-ECC	✓	HP speaker type	HP Dual Speakers
<b>Storage</b>		HP Connection Optimizer	✓
Total storage capacity *	1 TB	HP Support Assistant	✓
Storage media *	SSD	HP front camera	HP Webcam
Total SSDs capacity	1 TB	HP segment	Business
Number of SSDs installed	1	<b>Battery</b>	
SSD capacity	1 TB	Battery technology	Lithium Polymer (LiPo)
SSD memory type	TLC	Number of battery cells	6
SSD interface	PCI Express	Battery capacity *	76 Wh
NVMe	✓	Fast charging	✓
Optical drive type *	✗	Fast charging time (50%)	30 min
<b>Graphics</b>		<b>Power</b>	
Discrete GPU manufacturer	NVIDIA	AC adapter power	65 W
Discrete graphics card model *	NVIDIA RTX A500	AC adapter frequency	50/60 Hz
Discrete graphics card memory	4 GB	AC adapter input voltage	100 - 240 V
Discrete graphics memory type	GDDR6	USB Power Delivery (USB PD)	✓
On-board graphics card *	✓	<b>Security</b>	
On-board GPU manufacturer	Intel	Fingerprint reader	✓
Discrete graphics card *	✓	Smart card reader	✓
On-board graphics card family	Intel Iris Xe Graphics	Trusted Platform Module (TPM)	✓
On-board graphics card model *	Intel Iris Xe Graphics	Password protection	✓
Number of discrete graphics cards	1	<b>Certificates</b>	
<b>Audio</b>		Low halogen	✓
Audio system	Bang & Olufsen	<b>Sustainability</b>	
Built-in speaker(s)	✓	Sustainability compliance	✓
Number of built-in speakers	2	Sustainability certificates	TCO
Built-in microphone	✓	<b>Weight &amp; dimensions</b>	
Number of microphones	2	Width	358.7 mm
<b>Camera</b>		Depth	250.9 mm
Front camera	✓	Height	19.9 mm
		Weight *	1.72 kg
		<b>Packaging data</b>	
		Package width	552 mm
		Package depth	69 mm
		Package height	345 mm
		<b>Packaging content</b>	
		Keyboard included	✓



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