



HP ZBook Firefly G11 Intel Core Ultra 7 165H Mobile workstation 35.6 cm (14") Touchscreen WUXGA 32 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver

Brand : HP

Product family: ZBook Firefly

Product code: B4SD3UC#ABA

Product name : ZBook Firefly
G11



- Windows 11 Pro
 - Intel Core Ultra 7 165H (24MB Cache)
 - 14" WUXGA 1920 x 1200 Touch
 - 32GB DDR5-SDRAM (2 x 16) & 512GB SSD
- Intel Core Ultra 7 165H (24MB Cache), 32GB DDR5-SDRAM, 512GB SSD, 14" WUXGA 1920 x 1200 Touch, Intel Arc Graphics, WLAN, Webcam, Windows 11 Pro

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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.

Design		Storage	
Product type *	Mobile workstation	Optical drive type *	×
Product colour *	Silver	Graphics	
Form factor *	Clamshell	Discrete graphics card model *	Not available
Market positioning	Performance	On-board graphics card *	✓
Display		On-board GPU manufacturer	Intel
Display diagonal *	35.6 cm (14")	Discrete graphics card *	×
Display resolution *	1920 x 1200 pixels	On-board graphics card family	Intel Arc Graphics
Touchscreen *	✓	On-board graphics card model *	Intel Arc Graphics
HD type	WUXGA	Audio	
LED backlight	✓	Number of built-in speakers	2
Native aspect ratio	16:10	Built-in microphone	✓
Anti-glare screen	✓	Camera	
Display brightness	300 cd/m ²	Front camera	✓
RGB colour space	NTSC	Front camera resolution (numeric)	5 MP
Colour gamut	45%	Infrared (IR) camera	✓
Processor		Network	
Processor manufacturer *	Intel	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor family *	Intel Core Ultra 7	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor generation	Intel® Core™ Ultra (Series 1)	Mobile network connection *	×
Processor model *	165H	Antenna type	2x2
Processor cores	16	WLAN controller model	Intel Wi-Fi 6E AX211
Processor threads	22	WLAN controller manufacturer	Intel
Processor boost frequency	5 GHz	Bluetooth	✓
Performance cores	6	Bluetooth version	5.3
Efficient cores	8	Ports & interfaces	
Low Power Efficient-cores	2	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Performance-core Max Turbo Frequency	5 GHz	HDMI ports quantity *	1
Efficient-core Max Turbo Frequency	3.8 GHz	HDMI version	2.1
Low Power Efficient-core Max Turbo Frequency	2.5 GHz		

Processor		Ports & interfaces	
Performance-core base frequency	1.4 GHz	Thunderbolt 4 ports quantity	2
Efficient-core base frequency	0.9 GHz	Intel® Thunderbolt 4	✓
Low Power Efficient-core Base Frequency	700 MHz	Combo headphone/mic port	✓
Processor cache	24 MB	USB Type-C DisplayPort Alternate Mode	✓
Processor cache type	Smart Cache		
Processor socket	BGA 2049		
Processor base power	28 W		
Maximum turbo power	115 W		
Neural processor unit (NPU)		Performance	
Neural processor unit (NPU)	Intel AI Boost	Motherboard chipset	Intel SoC
Sparsity support	✓		
Windows Studio effects support	✓		
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML		
Total processor performance up to	34 TOPs		
NPU performance up to	11 TOPs		
GPU performance up to	19 TOPs		
Memory		Keyboard	
Internal memory *	32 GB	Pointing device	Clickpad
Internal memory type	DDR5-SDRAM	Numeric keypad *	✗
Memory form factor	SO-DIMM	Keyboard backlit	✓
Memory layout (slots x size)	2 x 16 GB	Spill-resistant keyboard	✓
Memory slots	2x SO-DIMM		
Maximum internal memory *	64 GB		
Memory data transfer rate	5600 MT/s		
Storage		Software	
Total storage capacity *	512 GB	Operating system installed *	Windows 11 Pro
Storage media *	SSD		
Total SSDs capacity	512 GB		
Number of SSDs installed	1		
SSD capacity	512 GB		
SSD memory type	TLC		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
		Brand-specific features	
		HP speaker type	HP Dual Speakers
		HP segment	Business
		Battery	
		Battery technology	Lithium Polymer (LiPo)
		Number of battery cells	3
		Battery capacity *	56 Wh
		Fast charging	✓
		Fast charging time (50%)	30 min
		Power	
		AC adapter power	65 W
		USB Type-C charging port *	✓
		USB Power Delivery (USB PD)	✓
		Security	
		Cable lock slot	✓
		Fingerprint reader	✓
		Weight & dimensions	
		Width	315.7 mm
		Depth	224.4 mm
		Height	19.2 mm
		Weight *	1.41 kg
		Packaging data	
		Package width	483 mm
		Package depth	69 mm
		Package height	305 mm
		Packaging content	
		AC adapter included *	✓

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