



HP ZBook Firefly 16 G11 Intel Core Ultra 7 155H 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 Silver



Brand : HP

Product family: ZBook Firefly

Product code: 86A92EA

Product name : 16 G11

- Intel® Core™ Ultra 7 155H (up to 4.8 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 16 cores, 22 threads)
 - Windows 11 Pro
 - 40.6 cm (16") diagonal WUXGA display
 - NVIDIA RTX™ A500 Laptop GPU (4 GB GDDR6 dedicated)
 - 32 GB memory; 1 TB SSD storage
- ZBook Firefly 16 inch G11 Mobile Workstation PC, 16", Windows 11 Pro, Intel® Core™ Ultra 7, 32GB RAM, 1TB SSD, RTX™ A500, WUXGA

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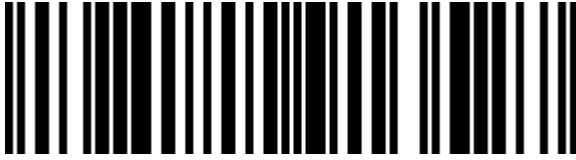


Step up performance. Not size

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		Graphics	
Product type *	Mobile workstation	On-board GPU manufacturer	Intel
Product colour *	Silver	Discrete graphics card *	✓
Form factor *	Clamshell	On-board graphics card family	Intel Arc Graphics
Market positioning	Performance	On-board graphics card model *	Intel Arc Graphics
Introduction year	2024	Number of discrete graphics cards	1
Original brand name	HP	Audio	
Display		Built-in speaker(s)	✓
Display diagonal *	40.6 cm (16")	Number of built-in speakers	2
Display resolution *	1920 x 1200 pixels	Built-in microphone	✓
Touchscreen *	✗	Number of microphones	2
HD type	WUXGA	Camera	
Panel type	IPS	Front camera	✓
Anti-glare screen	✓	Front camera resolution (numeric)	5 MP
Display brightness	400 cd/m ²	Infrared (IR) camera	✓
Display diagonal (metric)	40.6 cm	Network	
RGB colour space	sRGB	Wi-Fi	✓
Colour gamut	100%	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor		Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor manufacturer *	Intel	Mobile network connection *	✗
Processor family *	Intel Core Ultra 7	Antenna type	2x2
Processor generation	Intel Core Ultra (Series 1)	WLAN controller model	Intel Wi-Fi 6E AX211
Processor model *	155H	WLAN controller manufacturer	Intel
Processor cores	16	Bluetooth	✓
Processor threads	22	Bluetooth version	5.3
Processor boost frequency	4.8 GHz	Ports & interfaces	
Performance cores	6	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Efficient cores	8	HDMI ports quantity *	1
Low Power Efficient-cores	2	HDMI version	2.1
Performance-core Max Turbo Frequency	4.8 GHz	Thunderbolt 4 ports quantity	2
Efficient-core Max Turbo Frequency	3.8 GHz	Combo headphone/mic port	✓
Low Power Efficient-core Max Turbo Frequency	2.5 GHz		

Processor		Ports & interfaces	
Performance-core base frequency	1.4 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core base frequency	0.9 GHz	USB Power Delivery	✓
Low Power Efficient-core Base Frequency	700 MHz	Performance	
Processor cache	24 MB	Motherboard chipset	Intel SoC
Processor cache type	L3	Keyboard	
Processor base power	28 W	Keyboard special features	Odporność na zalanie
Maximum turbo power	115 W	Pointing device	Clickpad
Neural processor unit (NPU)		Numeric keypad *	✗
Neural processor unit (NPU)	Intel AI Boost	Keyboard backlight	✓
Maximum frequency NPU	1.4 GHz	Spill-resistant keyboard	✓
Sparsity support	✓	Full-size keyboard	✓
Windows Studio effects support	✓	Input device model	Klawiatura HP Premium Quiet
AI datatype support on NPU	FP16, FP32, Int8	Software	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Operating system installed *	Windows 11 Pro
Memory		Brand-specific features	
Internal memory *	32 GB	HP speaker type	HP Dual Speakers
Internal memory type	DDR5-SDRAM	HP Connection Optimizer	✓
Memory clock speed	5600 MHz	HP Support Assistant	✓
Memory form factor	SO-DIMM	HP front camera	HP Webcam 5MP
Memory layout (slots x size)	1 x 32 GB	HP segment	Business
Memory slots	2x SO-DIMM	Battery	
Maximum internal memory *	64 GB	Battery technology	Lithium-Ion (Li-Ion)
Memory channels	Dual-channel	Number of battery cells	6
Storage		Battery capacity *	76 Wh
Total storage capacity *	1 TB	Fast charging	✓
Storage media *	SSD	Fast charging time (50%)	30 min
Total SSDs capacity	1 TB	Power	
Number of SSDs installed	1	AC adapter power	100 W
SSD capacity	1 TB	AC adapter frequency	50/60 Hz
SSD interface	PCI Express	AC adapter input voltage	100 - 240 V
NVMe	✓	Security	
SSD form factor	M.2	Password protection	✓
Optical drive type *	✗	Sustainability	
Graphics		Sustainability compliance	✓
Discrete GPU manufacturer	NVIDIA	Sustainability certificates	TCO
Discrete graphics card model *	NVIDIA RTX A500	Weight & dimensions	
Discrete graphics card memory	4 GB	Width	358.7 mm
Discrete graphics memory type	GDDR6	Depth	251.3 mm
On-board graphics card *	✓	Height	19.2 mm
		Weight *	1.72 kg
		Packaging data	
		Package width	552 mm
		Package depth	69 mm
		Package height	345 mm
		Packaging content	
		Keyboard included	✓



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