



HP ZBook Firefly G11 Intel Core Ultra 7 165H Mobile workstation 35.6 cm (14") WUXGA 64 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: 86B06EA

Product name : G11

- Intel® Core™ Ultra 7 165H (up to 5.0 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 16 cores, 22 threads)
- Windows 11 Pro
- 35.6 cm (14") diagonal WUXGA display
- NVIDIA RTX™ A500 Laptop GPU (4 GB GDDR6 dedicated)
- 64 GB memory; 1 TB SSD storage
ZBook Firefly 14 inch G11 Mobile Workstation PC, 14", Windows 11 Pro, Intel® Core™ Ultra 7, 64GB RAM, 1TB SSD, RTX™ A500, WUXGA

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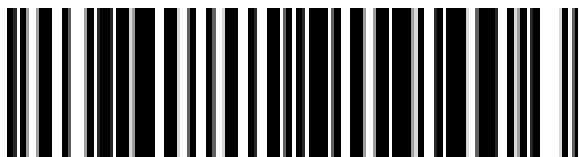
Step up performance. Not size

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		Network	
Product type *	Mobile workstation	Wi-Fi	✓
Product colour *	Grey	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Form factor *	Clamshell	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Market positioning	Performance	Mobile network connection *	✗
Introduction year	2024	Antenna type	2x2
Original brand name	HP	WLAN controller model	Intel Wi-Fi 6E AX211
Display		WLAN controller manufacturer	Intel
Display diagonal *	35.6 cm (14")	Bluetooth	✓
Display resolution *	1920 x 1200 pixels	Bluetooth version	5.3
Touchscreen *	✗	Ports & interfaces	
HD type	WUXGA	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Panel type	IPS	HDMI ports quantity *	1
LED backlight	✓	HDMI version	2.1
Anti-glare screen	✓	Thunderbolt 4 ports quantity	2
Display brightness	400 cd/m²	Combo headphone/mic port	✓
Display diagonal (metric)	35.6 cm	USB Type-C DisplayPort Alternate Mode	✓
RGB colour space	sRGB	USB Sleep-and-Charge	✓
Colour gamut	100%	USB Sleep-and-Charge ports	2
Processor		Performance	
Processor manufacturer *	Intel	Motherboard chipset	Intel SoC
Processor family *	Intel Core Ultra 7	Keyboard	
Processor generation	Intel® Core™ Ultra (Series 1)	Keyboard special features	Spill-resistant
Processor model *	165H	Pointing device	Clickpad
Processor cores	16	Numeric keypad *	✗
Processor threads	22	Keyboard backlit	✓
Processor boost frequency	5 GHz	Spill-resistant keyboard	✓
Performance cores	6	Full-size keyboard	✓
Efficient cores	8	Input device model	HP Premium Keyboard
Performance-core Max Turbo Frequency	5 GHz		
Efficient-core Max Turbo Frequency	3.8 GHz		
Performance-core base frequency	1.4 GHz		

Processor		Software	
Efficient-core base frequency	0.9 GHz	Operating system installed *	Windows 11 Pro
Processor cache	24 MB	Bundled software	HP Wolf Pro Security Edition (1 year)
Processor cache type	L3	Brand-specific features	
Processor base power	28 W	HP speaker type	HP Dual Speakers
Maximum turbo power	115 W	HP front camera	HP Webcam 5MP
Memory		HP segment	Business
Internal memory *	64 GB	HP GTIN (EAN/UPC) with options	(A2Q) 198415182319; (AB8) 198415182289; (ABB) 198122919390; (ABD) 198122919406; (BED) 198415182296; (BJA) 198415182302; (UUQ) 198415182333
Internal memory type	DDR5-SDRAM		
Memory clock speed	5600 MHz		
Memory form factor	SO-DIMM		
Memory layout (slots x size)	2 x 32 GB	HP GTIN (EAN/UPC)	198415182319, 198415182289, 198122919390, 198122919406, 198415182296, 198415182302, 198415182333
Memory slots	2x SO-DIMM		
Maximum internal memory *	64 GB		
Memory channels	Dual-channel		
Storage		Battery	
Total storage capacity *	1 TB	Battery technology	Lithium Polymer (LiPo)
Storage media *	SSD	Number of battery cells	3
Total SSDs capacity	1 TB	Battery capacity *	56 Wh
Number of SSDs installed	1	Fast charging	✓
SSD capacity	1 TB	Fast charging time (50%)	30 min
SSD interface	PCI Express 4.0	Power	
NVMe	✓	AC adapter power	100 W
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz
Graphics		AC adapter input voltage	100 - 240 V
Discrete GPU manufacturer	NVIDIA	USB Type-C charging port *	✓
Discrete graphics card model *	NVIDIA RTX A500	USB Power Delivery (USB PD)	✓
Discrete graphics card memory	4 GB	Security	
Discrete graphics memory type	GDDR6	Fingerprint reader	✓
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board GPU manufacturer	Intel	Trusted Platform Module (TPM) version	2.0
Discrete graphics card *	✓	Password protection	✓
On-board graphics card family	Intel Arc Graphics	Password protection type	BIOS, Power on, User
On-board graphics card model *	Intel Arc Graphics	Sustainability	
Number of discrete graphics cards	1	Sustainability compliance	✓
Audio		Sustainability certificates	TCO
Built-in speaker(s)	✓	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
Number of built-in speakers	2		
Built-in microphone	✓		
Number of microphones	2		
Camera		Weight & dimensions	
Front camera	✓	Width	315.7 mm
Front camera resolution (numeric)	5 MP	Depth	224.4 mm
Infrared (IR) camera	✓	Height	19.2 mm
		Weight *	1.45 kg
		Packaging data	
		Package width	483 mm
		Package depth	69 mm
		Package height	305 mm
		Packaging content	
		Keyboard included	✓

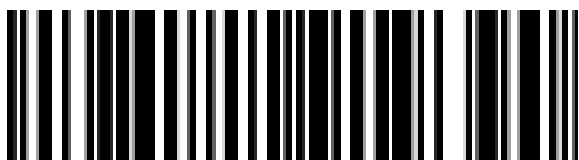
Logistics data	
Harmonized System (HS) code	8471300000
Technical details	
General Product Safety Regulation (GPSR) URL	https://support.hp.com/us-en/document/ish_6126692-6126777-16?openCLC=true
Other features	
Manufacturer warranty	1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair.



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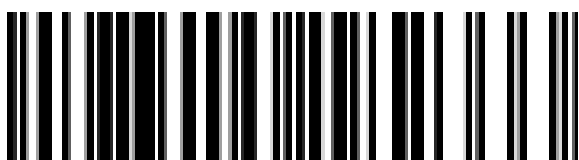
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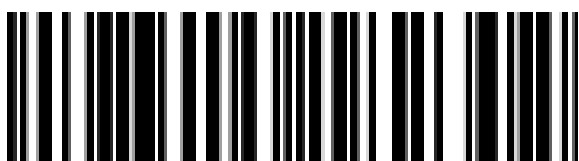
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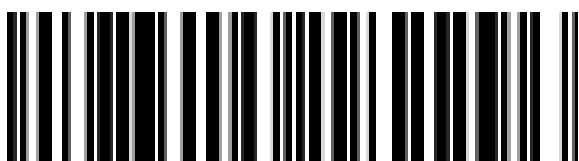
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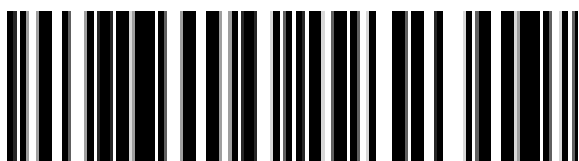
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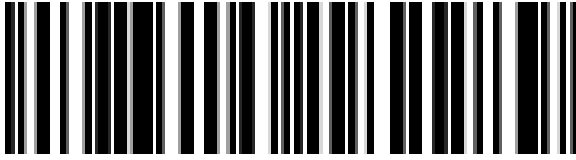
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198415182319



0198415182289



198415182289

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