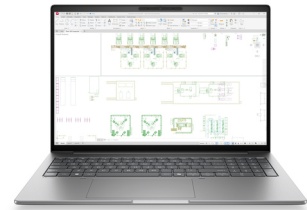




HP ZBook 8 G2 Wolf Pro Security Edition Copilot+ PC Intel Core Ultra 5 336H Mobile workstation 40.6 cm (16") WUXGA 24 GB DDR5-SDRAM 512 GB SSD NVIDIA RTX PRO 500 Blackwell Wi-Fi 7 (802.11be) Windows 11 Pro AI Workstation, AI PC Silver



Brand : HP

Product family: ZBook 8

Product code: DN7U2ET

Product name : ZBook 8 G2
Wolf Pro Security Edition

HP ZBook 8 G2 Wolf Pro Security Edition. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 336H. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 24 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics, Discrete graphics card model: NVIDIA RTX PRO 500 Blackwell. Operating system installed: Windows 11 Pro. Product colour: Silver

Design		Graphics	
Colour name	Meteor silver	On-board graphics card family	Intel® Graphics
Product type *	Mobile workstation	On-board graphics card model *	Intel® Graphics
Product colour *	Silver	Ray tracing acceleration	✓
Form factor *	Clamshell	Audio	
Market positioning	Performance	Built-in speaker(s)	✓
Introduction year	2026	Number of built-in speakers	2
Original brand name	HP	Speaker power	1 W
Display		Built-in microphone	✓
Display diagonal *	40.6 cm (16")	Number of microphones	2
Display resolution *	1920 x 1200 pixels	Camera	
Touchscreen *	✗	Front camera	✓
HD type	WUXGA	Front camera resolution (numeric)	5 MP
Panel type	IPS	Infrared (IR) camera	✓
Display brightness	400 cd/m²	Network	
Display diagonal (metric)	40.6 cm	Wi-Fi	✓
RGB colour space	sRGB	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Colour gamut	100%	Wi-Fi standards	Wi-Fi 7 (802.11be)
sRGB coverage (typical)	100%	Mobile network connection *	✗
Processor		Antenna type	2x2
Processor manufacturer *	Intel	WLAN controller model	Intel Wi-Fi 7 BE211
Processor family *	Intel Core Ultra 5	WLAN controller manufacturer	Intel
Processor generation	Intel® Core™ Ultra (Series 3)	Bluetooth	✓
Processor model *	336H	Bluetooth version	6.0
Processor cores	12	Ports & interfaces	
Processor threads	12	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor boost frequency	4.6 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Performance cores	4	USB4 Gen 3x2 ports quantity	2
Efficient cores	4		
Low Power Efficient-cores	4		
Performance-core Max Turbo Frequency	4.6 GHz		

Processor		Ports & interfaces	
Efficient-core Max Turbo Frequency	3.4 GHz	Ethernet LAN (RJ-45) ports	1
Low Power Efficient-core Max Turbo Frequency	3.2 GHz	HDMI ports quantity *	1
Performance-core base frequency	1.9 GHz	HDMI version	2.1
Efficient-core base frequency	1.5 GHz	Thunderbolt 4 ports quantity	2
Low Power Efficient-core Base Frequency	1500 MHz	Intel® Thunderbolt 4	✓
Processor cache	18 MB	Combo headphone/mic port	✓
Processor cache type	L3	USB Type-C DisplayPort Alternate Mode	✓
Processor socket	FCBGA2540	Keyboard	
Processor base power	25 W	Pointing device	Clickpad
Maximum turbo power	65 W	Numeric keypad *	✓
Neural processor unit (NPU)		Keyboard backlit	✓
Copilot+ PC	✓	Spill-resistant keyboard	✓
Neural processor unit (NPU)	Intel AI Boost	Input device model	HP Premium Keyboard
Sparsity support	✓	Software	
Windows Studio effects support	✓	Operating system installed *	Windows 11 Pro
AI software frameworks supported by NPU	OpenVINO, Windows ML, ONNX RT, WebNN	Processor special features	
NPU performance up to	47 TOPs	Intel® Turbo Boost Technology	✓
GPU performance up to	37 TOPs	Brand-specific features	
Memory		HP speaker type	HP Dual Speakers
Internal memory *	24 GB	HP Connection Optimizer	✓
Internal memory type	DDR5-SDRAM	HP Support Assistant	✓
Memory clock speed	5600 MHz	HP front camera	HP Webcam 5MP
Memory form factor	SO-DIMM	HP Artificial Intelligence	AI Workstation, AI PC
Memory layout (slots x size)	1 x 24 GB	HP segment	Business
Memory data transfer rate	5600 MT/s	Battery	
Non-ECC	✓	Battery technology	Lithium Polymer (LiPo)
Storage		Number of battery cells	8
Total storage capacity *	512 GB	Battery capacity *	77 Wh
Storage media *	SSD	Fast charging	✓
Total SSDs capacity	512 GB	Fast charging time (50%)	30 min
Number of SSDs installed	1	Power	
SSD capacity	512 GB	AC adapter power	140 W
SSD interface	PCI Express 5.0	AC adapter frequency	50 - 60 Hz
NVMe	✓	AC adapter input voltage	100 - 240 V
SSD form factor	M.2	USB Type-C charging port *	✓
Optical drive type *	✗	USB Power Delivery (USB PD)	✓
Graphics		Security	
Discrete GPU manufacturer	NVIDIA	Fingerprint reader	✓
Discrete graphics card model *	NVIDIA RTX PRO 500 Blackwell	Smart card reader	✓
Discrete graphics card memory	6 GB	Password protection	✓
Discrete graphics memory type	GDDR7	Password protection type	BIOS, Power on
On-board graphics card *	✓	Sustainability	
On-board GPU manufacturer	Intel	Sustainable technologies and materials	Molded paper pulp cushion inside box is made of 100% recycled or certified sources; Outside box and corrugated cushions are 100% from certified or recycled sources and recyclable; At least 40% post-consumer recycled plastic; Low halogen; Bulk packaging available; External power supply 90% efficiency
Discrete graphics card *	✓		
		Weight & dimensions	
		Width	359 mm
		Depth	251 mm

Weight & dimensions	
Height	19 mm
Packaging content	
AC adapter included *	✓
Keyboard included	✓
Other features	
UNSPSC-code	43211503
Memory module type	SODIMM



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