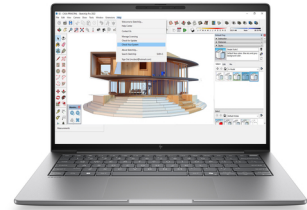




HP ZBook 8 G2a Wolf Pro Security Edition Copilot+ PC AMD Ryzen AI 7 PRO 450 Mobile workstation 35.6 cm (14") Touchscreen WUXGA 48 GB DDR5-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro AI Workstation, AI PC Silver



Brand : HP

Product family: ZBook 8

Product code: DN7T5ET

Product name : ZBook 8 G2a
Wolf Pro Security Edition

HP ZBook 8 G2a Wolf Pro Security Edition. Product type: Mobile workstation, Form factor: Clamshell. Processor family: AMD Ryzen AI 7 PRO, Processor model: 450, Processor frequency: 2 GHz. Display diagonal: 35.6 cm (14"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels, Touchscreen. Internal memory: 48 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. Operating system installed: Windows 11 Pro. Product colour: Silver

Design		Camera	
Colour name	Meteor silver	Front camera	✓
Product type *	Mobile workstation	Front camera resolution (numeric)	5 MP
Product colour *	Silver	Infrared (IR) camera	✓
Form factor *	Clamshell	Network	
Market positioning	Performance	Wi-Fi	✓
Introduction year	2026	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Original brand name	HP	Wi-Fi standards	Wi-Fi 7 (802.11be)
Display		Mobile network connection *	✗
Display diagonal *	35.6 cm (14")	Antenna type	2x2
Display resolution *	1920 x 1200 pixels	WLAN controller model	MediaTek MT7925
Touchscreen *	✓	WLAN controller manufacturer	MediaTek
HD type	WUXGA	Bluetooth	✓
Panel type	IPS	Bluetooth version	6.0
LED backlight	✓	Ports & interfaces	
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Display brightness	400 cd/m²	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display diagonal (metric)	35.6 cm	USB4 Gen 3x2 ports quantity	2
RGB colour space	sRGB	HDMI ports quantity *	1
Colour gamut	100%	HDMI version	2.1
sRGB coverage (typical)	100%	Thunderbolt 4 ports quantity	2
Processor		Intel® Thunderbolt 4	✓
Processor manufacturer *	AMD	Combo headphone/mic port	✓
Processor family *	AMD Ryzen AI 7 PRO	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	AMD Ryzen AI PRO 400 Series	Keyboard	
Processor model *	450	Numeric keypad *	✗
Processor cores	8	Keyboard backlit	✓
Processor threads	16	Spill-resistant keyboard	✓
Processor boost frequency	5.1 GHz		
Processor frequency *	2 GHz		
Processor cache	16 MB		
Processor cache type	L3		

Neural processor unit (NPU)		Keyboard	
Copilot+ PC	✓	Input device model	HP Premium Keyboard
Neural processor unit (NPU)	AMD Ryzen AI	Copilot key	✓
NPU performance up to	50 TOPs	Software	
Memory		Microsoft Copilot	✓
Internal memory *	48 GB	Operating system installed *	Windows 11 Pro
Internal memory type	DDR5-SDRAM	Brand-specific features	
Memory clock speed	5600 MHz	HP Artificial Intelligence	AI Workstation, AI PC
Memory form factor	SO-DIMM	HP segment	Business
Memory layout (slots x size)	2 x 24 GB	Battery	
Memory slots	2x SO-DIMM	Number of battery cells	3
Non-ECC	✓	Battery capacity *	68 Wh
Storage		Fast charging	✓
Total storage capacity *	1 TB	Fast charging time (50%)	30 min
Storage media *	SSD	Power	
Total SSDs capacity	1 TB	AC adapter power	100 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	1 TB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 5.0	USB Type-C charging port *	✓
NVMe	✓	USB Power Delivery (USB PD)	✓
SSD form factor	M.2	Security	
Optical drive type *	✗	Fingerprint reader	✓
Graphics		Password protection	✓
Discrete graphics card model *	Not available	Password protection type	BIOS, Power on
On-board graphics card *	✓	Sustainability	
On-board GPU manufacturer	AMD	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 60% post-consumer recycled plastic; Low halogen; Bulk packaging available; External power supply 90% efficiency
Discrete graphics card *	✗		
On-board graphics card family	AMD Radeon Graphics	Weight & dimensions	
On-board graphics card model *	AMD Radeon 860M	Width	316 mm
Audio		Depth	222 mm
Built-in speaker(s)	✓	Height	19 mm
Number of built-in speakers	2	Weight *	1.46 kg
Speaker power	1 W	Packaging content	
Built-in microphone	✓	AC adapter included *	✗
Number of microphones	2	Keyboard included	✓
		Other features	
		UNSPSC-code	43211503
		Memory module type	SODIMM



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