



HP EliteBook 8 G2a 16 Next Gen AI PC Copilot+ PC AMD Ryzen AI 7 PRO 450 Laptop 40.6 cm (16") WUXGA 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Silver QWERTY

Brand : HP

Product family: EliteBook

Product code: E5AN5ET#ABH

Product name : EliteBook 8
G2a 16 Next Gen AI PC



HP EliteBook 8 G2a 16 Next Gen AI PC. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen AI 7 PRO, Processor model: 450, Processor frequency: 2 GHz. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 860M. Operating system installed: Windows 11 Pro. Product colour: Silver

Design		Network	
Colour name	Glacier silver	Wi-Fi	✓
Product type *	Laptop	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Product colour *	Silver	Wi-Fi standards	Wi-Fi 7 (802.11be)
Form factor *	Clamshell	Mobile network connection *	✗
Introduction year	2026	Antenna type	2x2
Original brand name	HP	WLAN controller model	MediaTek MT7925
Display		WLAN controller manufacturer	MediaTek
Display diagonal *	40.6 cm (16")	Bluetooth	✓
Display resolution *	1920 x 1200 pixels	Bluetooth version	6.0
Touchscreen *	✗	Ports & interfaces	
HD type	WUXGA	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Panel type	IPS	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
LED backlight	✓	USB4 Gen 3x2 ports quantity	2
Anti-glare screen	✓	HDMI ports quantity *	1
Display brightness	400 cd/m ²	HDMI version	2.1
Display diagonal (metric)	40.6 cm	Thunderbolt 4 ports quantity	2
RGB colour space	sRGB	Microphone in	✓
Colour gamut	100%	Combo headphone/mic port	✓
sRGB coverage (typical)	100%	USB Type-C DisplayPort Alternate Mode	✓
Processor		Performance	
Processor manufacturer *	AMD	Temperature sensor	✓
Processor family *	AMD Ryzen AI 7 PRO	Hall sensor	✓
Processor generation	AMD Ryzen AI PRO 400 Series	Keyboard	
Processor model *	450	Pointing device	Clickpad
Processor cores	8	Numeric keypad *	✓
Processor threads	16	Keyboard backlit	✓
Processor boost frequency	5.1 GHz	Spill-resistant keyboard	✓
Processor frequency *	2 GHz		
Processor cache	16 MB		
Processor cache type	L3		

Neural processor unit (NPU)		Keyboard	
Copilot+ PC	✓	Keyboard layout	QWERTY
NPU performance up to	50 TOPs	Input device model	HP Premium Keyboard
Memory		Copilot key	✓
Internal memory *	32 GB	Software	
Internal memory type	LPDDR5x-SDRAM	Microsoft Copilot	✓
Memory clock speed	8533 MHz	Operating system installed *	Windows 11 Pro
Memory form factor	On-board	Brand-specific features	
Memory layout (slots x size)	Not available	HP speaker type	HP Dual Speakers
Memory slots	2x SO-DIMM	HP segment	Business
Maximum internal memory *	32 GB	Battery	
Storage		Number of battery cells	8
Total storage capacity *	1 TB	Battery capacity *	77 Wh
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	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 *	✓	Certificates	
On-board GPU manufacturer	AMD	Compliance certificates	GS mark, CCC, RoHS, Federal Communications Commission (FCC), CE, BSMI
Discrete graphics card *	✗	Sustainability	
On-board graphics card family	AMD Radeon Graphics	Sustainability compliance	✓
On-board graphics card model *	AMD Radeon 860M	Sustainability certificates	ENERGY STAR, EPEAT, TCO, TCO10
Audio		Sustainable technologies and materials	At least 65% recycled metal; Product Carbon Footprint; HP paper-based packaging is from recycled or certified sources; At least 25% post-consumer recycled plastic; At least 30% ocean-bound plastic; Low halogen; Bulk packaging available; External power supply 90% efficiency
Built-in speaker(s)	✓		
Number of built-in speakers	2		
Built-in microphone	✓	Weight & dimensions	
Number of microphones	2	Width	359 mm
Camera		Depth	250 mm
Front camera	✓	Height (front)	1.15 cm
Front camera resolution (numeric)	5 MP	Height (rear)	1.55 cm
Infrared (IR) camera	✓	Weight *	1.41 kg
		Packaging content	
		AC adapter included *	✗
		Keyboard included	✓
		Other features	
		UNSPSC-code	43211503



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