



HP EliteBook 8 G2a Next Gen AI Copilot+ PC AMD Ryzen™ AI 5 435 Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Silver

Brand : HP

Product family: EliteBook

Product code: DW7J6ET#ABH

Product name : EliteBook 8 G2a Next Gen AI



HP EliteBook 8 G2a Next Gen AI. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ AI 5, Processor model: 435, Processor frequency: 2 GHz. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 840M. 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 *	✗
Market positioning	Premium	Antenna type	2x2
Introduction year	2026	WLAN controller model	MediaTek MT7925
Original brand name	HP	WLAN controller manufacturer	MediaTek
Display		Bluetooth	✓
Display diagonal *	40.6 cm (16")	Bluetooth version	6.0
Display resolution *	1920 x 1200 pixels	Ports & interfaces	
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
HD type	WUXGA	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Panel type	IPS	HDMI ports quantity *	1
Anti-glare screen	✓	HDMI version	2.1
Display brightness	400 cd/m²	Thunderbolt 4 ports quantity	2
Display diagonal (metric)	40.6 cm	Intel® Thunderbolt 4	✓
RGB colour space	sRGB	Microphone in	✓
Colour gamut	100%	Combo headphone/mic port	✓
Maximum refresh rate	120 Hz	USB Type-C DisplayPort Alternate Mode	✓
sRGB coverage (typical)	100%	Performance	
DCI-P3 coverage	100%	Temperature sensor	✓
Processor		Hall sensor	✓
Processor manufacturer *	AMD	Keyboard	
Processor family *	AMD Ryzen™ AI 5	Pointing device	Clickpad
Processor generation	AMD Ryzen AI 400 Series	Numeric keypad *	✓
Processor model *	435	Keyboard backlit	✓
Processor cores	6	Spill-resistant keyboard	✓
Processor threads	12		
Processor boost frequency	4.5 GHz		
Processor frequency *	2 GHz		
Processor cache	8 MB		

Processor		Keyboard	
Processor cache type	L3	Keyboard layout	QWERTY
Neural processor unit (NPU)		Input device model	HP Premium Keyboard
Copilot+ PC	✓	Software	
Neural processor unit (NPU)	AMD Ryzen AI	Operating system installed *	Windows 11 Pro
NPU performance up to	50 TOPs	Brand-specific features	
Memory		HP speaker type	HP Dual Speakers
Internal memory *	16 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 segment	Business
Memory layout (slots x size)	1 x 16 GB	Battery	
Memory slots	2x SO-DIMM	Battery technology	Lithium Polymer (LiPo)
Maximum internal memory *	64 GB	Number of battery cells	3
Memory data transfer rate	5600 MT/s	Battery capacity *	68 Wh
Non-ECC	✓	Power	
Storage		AC adapter power	65 W
Total storage capacity *	512 GB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	512 GB	USB Type-C charging port *	✓
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	512 GB	Security	
SSD interface	PCI Express	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Nano
SSD form factor	M.2	Fingerprint reader	✓
Optical drive type *	✗	Password protection	✓
Graphics		Password protection type	BIOS, Power on
Discrete graphics card model *	Not available	Certificates	
On-board graphics card *	✓	Compliance certificates	GS mark, CCC, RoHS, Federal Communications Commission (FCC), CE, BSMI
On-board GPU manufacturer	AMD	Sustainability	
Discrete graphics card *	✗	Sustainability compliance	✓
On-board graphics card family	AMD Radeon Graphics	Sustainability certificates	ENERGY STAR, EPEAT, TCO, TCO10
On-board graphics card model *	AMD Radeon 840M	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
Audio		Weight & dimensions	
Built-in speaker(s)	✓	Width	359 mm
Number of built-in speakers	2	Depth	250 mm
Built-in microphone	✓	Height (front)	1.15 cm
Number of microphones	2	Height (rear)	1.55 cm
Camera		Weight *	1.74 kg
Front camera	✓	Packaging content	
Front camera resolution (numeric)	5 MP	AC adapter included *	✓
Infrared (IR) camera	✓	Keyboard included	✓
		Other features	
		UNSPSC-code	43211503
		Memory module type	SODIMM



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