



HP EliteBook 8 EB G1i 14 NGAI U5 228V 14i 32 (EN) Copilot+ PC Intel Core Ultra 5 Laptop 35.6 cm (14") WUXGA 32 GB LPDDR5x- SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Silver



Brand : HP

Product family: EliteBook

Product code: AD3T8ET#ABB

Product name : EB 8 G1i 14
NGAI U5 228V 14i 32 (EN)

HP EliteBook 8 EB G1i 14 NGAI U5 228V 14i 32 (EN). Product type: Laptop, Form factor: Clamshell.
Processor family: Intel Core Ultra 5, Processor model: 228V. Display diagonal: 35.6 cm (14"), HD type:
WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 32 GB, Internal memory type:
LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model:
Intel Arc Graphics. Operating system installed: Windows 11 Pro. Product colour: Silver. Weight: 1.46 kg

Design		Audio	
Colour name	Glacier silver	Number of microphones	2
Product type *	Laptop	Camera	
Product colour *	Silver	Front camera	✓
Form factor *	Clamshell	Front camera resolution (numeric)	5 MP
Market positioning	Premium	Infrared (IR) camera	✓
Introduction year	2025	Network	
Intel® vPro™ Platform Eligibility	✗	Wi-Fi	✓
Country of origin	China, Thailand	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	Intel Wi-Fi 7 BE201
Touchscreen *	✗	WLAN controller manufacturer	Intel
HD type	WUXGA	Bluetooth	✓
Panel type	IPS	Bluetooth version	5.4
LED backlight	✓	Ports & interfaces	
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Display brightness	300 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	62.5%	HDMI version	2.1
sRGB coverage (typical)	62.5%	Thunderbolt 4 ports quantity	2
Processor		Intel® Thunderbolt 4	✓
Processor manufacturer *	Intel	Microphone in	✓
Processor family *	Intel Core Ultra 5	Combo headphone/mic port	✓
Processor generation	Intel Core Ultra (Series 2)	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	228V	USB Sleep-and-Charge	✓
Processor cores	8	USB Sleep-and-Charge ports	3
Processor threads	8		
Processor boost frequency	4.5 GHz		
Performance cores	4		
Low Power Efficient-cores	4		
Performance-core Max Turbo Frequency	4.5 GHz		

Processor		Performance	
Low Power Efficient-core Max Turbo Frequency	3.5 GHz	Temperature sensor	✓
Performance-core base frequency	2.1 GHz	Hall sensor	✓
Low Power Efficient-core Base Frequency	2100 MHz	Repairability index	8.6
Neural processor unit (NPU)		Keyboard	
Copilot+ PC	✓	Pointing device	Clickpad
Neural processor unit (NPU)	Intel AI Boost	Numeric keypad *	✗
Sparsity support	✓	Keyboard backlit	✓
Windows Studio effects support	✓	Spill-resistant keyboard	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Input device model	HP Premium Keyboard
Total processor performance up to	97 TOPs	Copilot key	✓
NPU performance up to	40 TOPs	Software	
GPU performance up to	53 TOPs	Microsoft Copilot	✓
Memory		Operating system installed *	Windows 11 Pro
Internal memory *	32 GB	Processor special features	
Internal memory type	LPDDR5x-SDRAM	Intel® Turbo Boost Technology	✓
Memory clock speed	8533 MHz	Brand-specific features	
Memory form factor	On-board	HP speaker type	HP Dual Speakers
Memory layout (slots x size)	Not available	HP front camera	HP Webcam 5MP
Maximum internal memory *	32 GB	HP segment	Business
Storage		Battery	
Total storage capacity *	512 GB	Battery technology	Lithium Polymer (LiPo)
Storage media *	SSD	Number of battery cells	3
Total SSDs capacity	512 GB	Battery capacity *	62 Wh
Number of SSDs installed	1	Fast charging	✓
SSD capacity	512 GB	Fast charging time (50%)	30 min
SSD interface	PCI Express	Power	
NVMe	✓	AC adapter power	65 W
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz
Graphics		AC adapter input voltage	100 - 240 V
Discrete graphics card model *	Not available	USB Type-C charging port *	✓
On-board graphics card *	✓	USB Power Delivery (USB PD)	✓
On-board GPU manufacturer	Intel	Security	
Discrete graphics card *	✗	Fingerprint reader	✓
On-board graphics card family	Intel Arc Graphics	Password protection	✓
On-board graphics card model *	Intel Arc Graphics	Password protection type	BIOS, Power on
Audio		Certificates	
Built-in speaker(s)	✓	Compliance certificates	GS mark, CCC, RoHS, Federal Communications Commission (FCC), CE, BSMI
Number of built-in speakers	2	Sustainability	
Built-in microphone	✓	Sustainability compliance	✓
		Sustainability certificates	ENERGY STAR, EPEAT, TCO, TCO10
		Sustainable technologies and materials	At least 80% recycled metal; Product Carbon Footprint; HP paper-based packaging is from recycled or certified sources; At least 50% post-consumer recycled plastic; Low halogen; Bulk packaging available
		Weight & dimensions	
		Width	315.6 mm
		Depth	222 mm
		Height (front)	1.17 cm
		Height (rear)	1.55 cm
		Weight *	1.46 kg

Packaging content	
Keyboard included	✓
Other features	
UNSPSC-code	43211503



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