



HP EliteBook 8 G1i Next Gen AI PC Copilot+ PC Intel Core Ultra 7 268V Laptop 35.6 cm (14") WUXGA 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Silver



Brand : HP

Product family: EliteBook

Product code: COLE0UC#ABA

Product name : EliteBook 8
G1i Next Gen AI PC

- Windows 11 Pro
 - Intel Core Ultra 7 268V (12MB Cache)
 - 14" WUXGA 1920 x 1200 IPS
 - 32GB (5600MHz) LPDDR5x-SDRAM & 1000GB SSD
- Intel Core Ultra 7 268V (12MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, 14" WUXGA 1920 x 1200 IPS, Intel Arc Graphics 140V, LAN, WLAN, Webcam, Windows 11 Pro

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Empower your hybrid workforce with an AI PC

Packed with next-gen AI features^[3] designed to enhance productivity, collaboration, and security, the HP EliteBook 8 G1a 14 inch AI PC delivers exceptional performance for demanding AI workloads that will make you more efficient and effective at work.

Design		Audio	
Colour name	Glacier silver	Number of built-in speakers	2
Product type *	Laptop	Built-in microphone	✓
Product colour *	Silver	Number of microphones	2
Form factor *	Clamshell	Camera	
Market positioning	Premium	Front camera	✓
Introduction year	2026	Front camera resolution (numeric)	5 MP
Intel® vPro™ Platform Eligibility	✓	Infrared (IR) camera	✓
Original brand name	HP	Network	
Display		Wi-Fi	✓
Display diagonal *	35.6 cm (14")	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display resolution *	1920 x 1200 pixels	Wi-Fi standards	Wi-Fi 7 (802.11be)
Touchscreen *	✗	Mobile network connection *	✗
HD type	WUXGA	Antenna type	2x2
Panel type	IPS	WLAN controller model	Intel Wi-Fi 6E AX211
LED backlight	✓	WLAN controller manufacturer	Intel
Anti-glare screen	✓	Ethernet LAN	✓
Display brightness	800 cd/m²	Bluetooth	✓
Display diagonal (metric)	35.6 cm	Bluetooth version	5.4
RGB colour space	sRGB	Near Field Communication (NFC)	✓
Colour gamut	100%	Ports & interfaces	
Processor		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor family *	Intel Core Ultra 7	USB4 Gen 3x2 ports quantity	2
Processor generation	Intel Core Ultra (Series 2)	HDMI ports quantity *	1
Processor model *	268V	HDMI version	2.1
Processor cores	8	Thunderbolt 4 ports quantity	2
Processor threads	8	Intel® Thunderbolt 4	✓
Processor boost frequency	5 GHz	Microphone in	✓
Performance cores	4		
Low Power Efficient-cores	4		

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	5 GHz	Combo headphone/mic port	✓
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	USB Type-C DisplayPort Alternate Mode	✓
Performance-core base frequency	2.2 GHz	USB Sleep-and-Charge	✓
Low Power Efficient-core Base Frequency	2200 MHz	USB Sleep-and-Charge ports	3
Processor cache	12 MB	Performance	
Processor cache type	Smart Cache	Temperature sensor	✓
Processor socket	BGA 2833	Hall sensor	✓
Processor base power	17 W	Keyboard	
Maximum turbo power	37 W	Pointing device	Clickpad
Neural processor unit (NPU)		Numeric keypad *	✗
Copilot+ PC	✓	Keyboard backlit	✓
Neural processor unit (NPU)	Intel AI Boost	Spill-resistant keyboard	✓
Sparsity support	✓	Input device model	HP Premium Keyboard
Windows Studio effects support	✓	Copilot key	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Software	
Total processor performance up to	118 TOPs	Microsoft Copilot	✓
NPU performance up to	48 TOPs	Operating system installed *	Windows 11 Pro
GPU performance up to	66 TOPs	Processor special features	
Memory		Intel® Turbo Boost Technology	✓
Internal memory *	32 GB	Brand-specific features	
Internal memory type	LPDDR5x-SDRAM	HP speaker type	HP Dual Speakers
Memory clock speed	5600 MHz	HP segment	Business
Memory form factor	On-board	Battery	
Maximum internal memory *	32 GB	Battery technology	Lithium Polymer (LiPo)
Storage		Number of battery cells	3
Total storage capacity *	1 TB	Battery capacity *	62 Wh
Storage media *	SSD	Power	
Total SSDs capacity	1 TB	AC adapter power	65 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	1 TB	AC adapter input voltage	100 - 240 V
SSD memory type	TLC	USB Type-C charging port *	✓
SSD interface	PCI Express 4.0	USB Power Delivery (USB PD)	✓
NVMe	✓	Security	
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	Intel	Sustainability	
Discrete graphics card *	✗	Sustainability certificates	ENERGY STAR, EPEAT, TCO, TCO10
On-board graphics card family	Intel Arc Graphics	Sustainable technologies and materials	Low halogen; Bulk packaging available; 50% post-consumer recycled plastic; 80% recycled metal; 100% of HP paper-based packaging is from recycled or certified sustainable sources; Product Carbon Footprint
On-board graphics card model *	Intel Arc Graphics 140V		
Audio		Weight & dimensions	
Built-in speaker(s)	✓	Width	315.6 mm
		Depth	222 mm
		Height (front)	1.17 cm
		Height (rear)	1.24 cm

Weight & dimensions	
Weight *	1.41 kg
Packaging content	
AC adapter included *	✗



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