



HP EliteBook 8 G1i AI PC Intel Core Ultra 7 255U Laptop 40.6 cm (16") WUXGA 32 GB DDR5-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Silver



Brand : HP

Product family: EliteBook 8

Product code: CT9R3ES

Product name : EliteBook 8
G1i AI PC

- Windows 11 Pro 64-bit
- Intel Core Ultra 7 255U (12MB Cache)
- 16" WUXGA 1920 x 1200 IPS
- 32GB (5600MHz) DDR5-SDRAM & 1000GB SSD
Intel Core Ultra 7 255U (12MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 16" WUXGA 1920 x 1200 IPS, Intel Graphics, WLAN, HP Webcam, Windows 11 Pro 64-bit

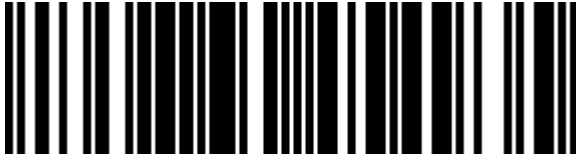
HP EliteBook 8 G1i AI PC Intel Core Ultra 7 255U Laptop 40.6 cm (16") WUXGA 32 GB DDR5-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Silver:

An innovative AI PC tailored for hybrid teams

Equip your high-performing teams with an AI-enhanced PC^[3] that offers the power, security, and collaboration tools essential for both office and hybrid work environments. The HP EliteBook 8 G1i 16 inch AI PC efficiently meets the requirements of multitasking teams worldwide.

Design		Storage	
Product type *	Laptop	Optical drive type *	✗
Product colour *	Silver	Graphics	
Form factor *	Clamshell	Discrete graphics card model *	Not available
Market positioning	Premium	On-board graphics card *	✓
Display		On-board GPU manufacturer	Intel
Display diagonal *	40.6 cm (16")	Discrete graphics card *	✗
Display resolution *	1920 x 1200 pixels	On-board graphics card family	Intel® Graphics
Touchscreen *	✗	On-board graphics card model *	Intel® Graphics
HD type	WUXGA	Audio	
Panel type	IPS	Number of built-in speakers	2
LED backlight	✓	Built-in microphone	✓
Native aspect ratio	16:10	Number of microphones	2
Anti-glare screen	✓	Camera	
Display brightness	300 cd/m²	Front camera	✓
Display diagonal (metric)	40.6 cm	Network	
Processor		Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor manufacturer *	Intel	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor family *	Intel Core Ultra 7	Mobile network connection *	✗
Processor generation	Intel Core Ultra (Series 2)	Antenna type	2x2
Processor model *	255U	Bluetooth	✓
Processor cores	12	Bluetooth version	5.4
Processor threads	14	Ports & interfaces	
Processor boost frequency	5.2 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Performance cores	2	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Efficient cores	8	HDMI ports quantity *	1
Low Power Efficient-cores	2	HDMI version	2.1
Performance-core Max Turbo Frequency	5.2 GHz	Thunderbolt 4 ports quantity	2
Efficient-core Max Turbo Frequency	4.2 GHz		
Low Power Efficient-core Max Turbo Frequency	2.4 GHz		

Processor		Ports & interfaces	
Performance-core base frequency	2 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core base frequency	1.7 GHz	USB Sleep-and-Charge	✓
Low Power Efficient-core Base Frequency	700 MHz	USB Sleep-and-Charge ports	3
Processor cache	12 MB	Keyboard	
Processor base power	15 W	Numeric keypad *	✓
Maximum turbo power	57 W	Software	
Neural processor unit (NPU)		Operating system architecture	64-bit
Neural processor unit (NPU)	Intel AI Boost	Operating system installed *	Windows 11 Pro
Sparsity support	✓	Brand-specific features	
Windows Studio effects support	✓	HP speaker type	HP Dual Speakers
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	HP front camera	HP Webcam
Memory		HP segment	Business
Internal memory *	32 GB	Battery	
Internal memory type	DDR5-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory clock speed	5600 MHz	Battery capacity *	62 Wh
Memory form factor	SO-DIMM	Power	
Maximum internal memory *	64 GB	AC adapter power	65 W
Storage		AC adapter frequency	50 - 60 Hz
Total storage capacity *	1 TB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	USB Type-C charging port *	✓
Total SSDs capacity	1 TB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	Weight & dimensions	
SSD capacity	1 TB	Width	359.4 mm
SSD form factor	M.2	Depth	251 mm
		Height (front)	1.09 cm
		Height (rear)	1.7 cm
		Weight *	1.69 kg
		Packaging content	
		AC adapter included *	✗



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