



HP EliteBook X G1i Next Gen AI PC Wolf Pro Security Edition Copilot+ PC Intel Core Ultra 7 258V Laptop 35.6 cm (14") 2.5K 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Blue

Brand : HP

Product family: EliteBook

Product code: CK7Q7ET

Product name : EliteBook X
G1i Next Gen AI PC Wolf Pro
Security Edition

- Intel Core™ Ultra 7 258V (up to 4.8 GHz with Intel Turbo Boost Technology, 12 MB L3 cache, 8 cores, 8 threads)
 - Windows 11 Pro
 - 35.6 cm (14") diagonal 2.5K display
 - Intel Arc™ Graphics
 - 32 GB LPDDR5x-8533 MT/s (onboard), 1 TB PCIe NVMe™ SSD
- EliteBook X G1i 14 inch Notebook Next Gen AI PC Wolf Pro Security Edition, 14", Windows 11 Pro, Intel Core™ Ultra 7, 32GB RAM, 1TB SSD, 2.5K, Atmospheric blue, Copilot+ PC

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Drive strategy with the efficiency and power of next-gen AI

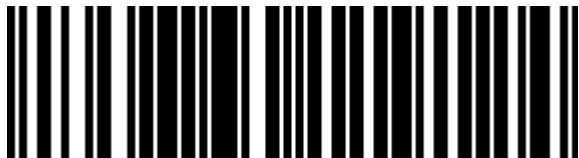
Propel your business forward with AI that uses your own data to make strategic business decisions. Discover what you can do with AI applications^[4], advanced collaboration features, and optimized battery life on the HP EliteBook X G1i Next Gen AI PC.



Design		Network	
Colour name	Atmospheric blue	Wi-Fi	✓
Product type *	Laptop	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Product colour *	Blue	Wi-Fi standards	Wi-Fi 7 (802.11be)
Form factor *	Clamshell	Mobile network connection *	✗
Market positioning	Premium	Antenna type	2x2
Introduction year	2025	WLAN controller model	Intel Wi-Fi 7 BE201
Country of origin	China	WLAN controller manufacturer	Intel
Original brand name	HP	Bluetooth	✓
Display		Bluetooth version	5.4
Display diagonal *	35.6 cm (14")	Near Field Communication (NFC)	✓
Display resolution *	2560 x 1600 pixels	Ports & interfaces	
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
HD type	2.5K	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Panel type	IPS	USB4 Gen 3x2 ports quantity	2
Anti-glare screen	✓	HDMI ports quantity *	1
Display brightness	400 cd/m²	HDMI version	2.1
Display diagonal (metric)	35.6 cm	Thunderbolt 4 ports quantity	2
RGB colour space	Adobe RGB	Intel® Thunderbolt 4	✓
Colour gamut	100%	Microphone in	✓
Maximum refresh rate	120 Hz	Combo headphone/mic port	✓
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	Intel	USB Sleep-and-Charge	✓
Processor family *	Intel Core Ultra 7	USB Sleep-and-Charge ports	2
Processor generation	Intel Core Ultra (Series 2)	Performance	
Processor model *	258V	Gyroscope	✓
Processor cores	8	Temperature sensor	✓
Processor threads	8		
Processor boost frequency	4.8 GHz		
Performance cores	4		
Low Power Efficient-cores	4		

Processor		Performance	
Performance-core Max Turbo Frequency	4.8 GHz	Hall sensor	✓
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	Keyboard	
Performance-core base frequency	2.2 GHz	Pointing device	Clickpad
Low Power Efficient-core Base Frequency	2200 MHz	Numeric keypad *	✗
Processor cache	12 MB	Keyboard backlit	✓
Processor cache type	L3	Spill-resistant keyboard	✓
Processor base power	17 W	Input device model	HP Premium Keyboard
Maximum turbo power	37 W	Keyboard colour name	Atmospheric blue
Neural processor unit (NPU)		Software	
Copilot+ PC	✓	Operating system installed *	Windows 11 Pro
Neural processor unit (NPU)	Intel AI Boost	Bundled software	HP Wolf Pro Security Edition (1 year)
Sparsity support	✓	Processor special features	
Windows Studio effects support	✓	Intel® Turbo Boost Technology	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Brand-specific features	
Total processor performance up to	115 TOPs	HP speaker type	HP Quad Speakers
NPU performance up to	47 TOPs	HP Connection Optimizer	✓
GPU performance up to	64 TOPs	HP Support Assistant	✓
Memory		HP front camera	HP Webcam 5MP
Internal memory *	32 GB	HP segment	Business
Internal memory type	LPDDR5x-SDRAM	HP GTIN (EAN/UPC)	199764119124
Memory clock speed	8533 MHz	Battery	
Memory form factor	On-board	Battery technology	Lithium Polymer (LiPo)
Memory layout (slots x size)	Not available	Number of battery cells	6
Maximum internal memory *	32 GB	Battery capacity *	68 Wh
Memory data transfer rate	8533 MT/s	Power	
Storage		AC adapter power	65 W
Total storage capacity *	1 TB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	1 TB	USB Type-C charging port *	✓
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	1 TB	Security	
SSD interface	PCI Express	Password protection	✓
NVMe	✓	Password protection type	BIOS, Power on
SSD form factor	M.2	Certificates	
Optical drive type *	✗	Compliance certificates	CCC, RoHS, CE, BSMI
Graphics		Sustainability	
Discrete graphics card model *	Not available	Sustainability compliance	✓
On-board graphics card *	✓	Sustainability certificates	ENERGY STAR, EPEAT, TCO, TCO10
On-board GPU manufacturer	Intel	Sustainable technologies and materials	At least 90% recycled metal; HP paper-based packaging is from recycled or certified sources; At least 35% post-consumer recycled plastic; At least 30% ocean-bound plastic; At least 50% ocean-bound plastic in fan enclosure; Low halogen; Bulk packaging available
Discrete graphics card *	✗		
On-board graphics card family	Intel Arc Graphics		
On-board graphics card model *	Intel Arc Graphics	Weight & dimensions	
Audio		Width	313.9 mm
Built-in speaker(s)	✓	Depth	219.9 mm
Number of built-in speakers	4	Height (front)	1.05 cm
Built-in microphone	✓	Height (rear)	1.49 cm
Number of microphones	2	Weight *	1.18 kg
Camera		Packaging content	
Front camera	✓	Keyboard included	✓
Front camera resolution (numeric)	5 MP		
Infrared (IR) camera	✓		

Technical details	
General Product Safety Regulation (GPSR) URL	https://support.hp.com/us-en/document/ish_6126692-6126777-16?openCLC=true
Other features	
UNSPSC-code	43211503
Manufacturer warranty	1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.
Support service included	HP 3y Offsite Notebook Supp. For terms and conditions, please visit https://h20195.www2.hp.com/v2/GetPDF.aspx/4AA8-2302EEE & https://www8.hp.com/h20195/v2/getpdf.aspx/4AA5-7123EEGB.pdf



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