



HP EliteBook X G2i Next Gen AI Copilot+ PC Intel Core Ultra 7 356H Laptop 35.6 cm (14") WUXGA 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Blue

Brand : HP

Product family: EliteBook

Product code: DV0F2ET#ABH

Product name : EliteBook X
G2i Next Gen AI



HP EliteBook X G2i Next Gen AI. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 356H. 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: 1 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Mobile network generation: 5G. Operating system installed: Windows 11 Pro. Product colour: Blue



Design		Graphics	
Colour name	Atmospheric blue	Ray tracing acceleration	✓
Product type *	Laptop	Audio	
Product colour *	Blue	Built-in speaker(s)	✓
Form factor *	Clamshell	Number of built-in speakers	4
Market positioning	Premium	Built-in microphone	✓
Introduction year	2026	Number of microphones	2
Intel® vPro™ Platform Eligibility	✗	Network	
Original brand name	HP	Mobile network generation	5G
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 7 BE211
Anti-glare screen	✓	WLAN controller manufacturer	Intel
Display brightness	800 cd/m²	Bluetooth	✓
Display diagonal (metric)	35.6 cm	Bluetooth version	6.0
RGB colour space	sRGB	WWAN controller	HP R15 5G Solution
Colour gamut	100%	Ports & interfaces	
sRGB coverage (typical)	100%	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor manufacturer *	Intel	HDMI ports quantity *	1
Processor family *	Intel Core Ultra 7	HDMI version	2.1
Processor generation	Intel® Core™ Ultra (Series 3)	Thunderbolt 4 ports quantity	2
Processor model *	356H	Intel® Thunderbolt 4	✓
Processor cores	16	Microphone in	✓
Processor threads	16	Combo headphone/mic port	✓
Processor boost frequency	4.7 GHz		
Performance cores	4		
Efficient cores	8		
Low Power Efficient-cores	4		

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	4.7 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core Max Turbo Frequency	3.5 GHz	Performance	
Low Power Efficient-core Max Turbo Frequency	3.3 GHz	Gyroscope	✓
Performance-core base frequency	1.9 GHz	Temperature sensor	✓
Efficient-core base frequency	1.5 GHz	Hall sensor	✓
Low Power Efficient-core Base Frequency	1500 MHz	Repairability index	9
Processor cache	18 MB	Keyboard	
Processor cache type	L3	Pointing device	Trackpad
Processor socket	FCBGA2540	Numeric keypad *	✗
Processor base power	25 W	Keyboard backlit	✓
Maximum turbo power	80 W	Spill-resistant keyboard	✓
Neural processor unit (NPU)		Keyboard layout	QWERTY
Copilot+ PC	✓	Input device model	HP Premium Keyboard
Neural processor unit (NPU)	Intel AI Boost	Keyboard colour name	Atmospheric blue
Sparsity support	✓	Software	
Windows Studio effects support	✓	Operating system installed *	Windows 11 Pro
AI software frameworks supported by NPU	OpenVINO, Windows ML, ONNX RT, WebNN	Processor special features	
NPU performance up to	50 TOPs	Intel® Turbo Boost Technology	✓
GPU performance up to	40 TOPs	Brand-specific features	
Memory		HP Sure View	✓
Internal memory *	32 GB	HP speaker type	HP Quad Speakers
Internal memory type	LPDDR5x-SDRAM	HP Connection Optimizer	✓
Memory clock speed	9600 MHz	HP Support Assistant	✓
Memory form factor	On-board	HP segment	Business
Memory layout (slots x size)	Not available	Battery	
Maximum internal memory *	32 GB	Battery technology	Lithium Polymer (LiPo)
Memory data transfer rate	9600 MT/s	Number of battery cells	6
Storage		Battery capacity *	68 Wh
Total storage capacity *	1 TB	Power	
Storage media *	SSD	AC adapter power	100 W
Total SSDs capacity	1 TB	AC adapter frequency	50 - 60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	1 TB	USB Type-C charging port *	✓
SSD interface	PCI Express 5.0	USB Power Delivery (USB PD)	✓
NVMe	✓	Security	
SSD form factor	M.2	Cable lock slot	✓
Optical drive type *	✗	Cable lock slot type	Nano
Graphics		Fingerprint reader	✓
Discrete graphics card model *	Not available	Password protection	✓
On-board graphics card *	✓	Password protection type	BIOS, Power on
On-board GPU manufacturer	Intel	Certificates	
Discrete graphics card *	✗	Compliance certificates	CCC, RoHS, Federal Communications Commission (FCC), CE, BSMI
On-board graphics card family	Intel® Graphics	Sustainability	
On-board graphics card model *	Intel® Graphics	Sustainability compliance	✓
		Sustainability certificates	ENERGY STAR, EPEAT, TCO, TCO10
		Weight & dimensions	
		Width	312.7 mm
		Depth	217 mm
		Weight *	990 g

Packaging content	
AC adapter included *	✓
Keyboard included	✓
Other features	
UNSPSC-code	43211503



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