



HP EliteBook X Flip G1i Copilot+ PC Intel Core Ultra 7 258V Hybrid (2-in-1) 35.6 cm (14") Touchscreen WUXGA 32 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Blue

Brand : HP

Product family: EliteBook

Product code: B66PKES

Product name : EliteBook X
Flip G1i



- Windows 11 Pro

- Intel Core Ultra 7 258V (12MB Cache)

- 14" WUXGA 1920 x 1200 IPS Touch

- 32GB LPDDR5x-SDRAM & 512GB SSD

Intel Core Ultra 7 258V (12MB Cache), 32GB LPDDR5x-SDRAM, 512GB SSD, 14" WUXGA 1920 x 1200 IPS Touch, Intel Arc Graphics 140V, WLAN, 4G, HP Webcam, Windows 11 Pro



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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, four versatile use modes, and optimized battery life on the HP EliteBook X Flip G1i Next Gen AI PC.

Design		Graphics	
Colour name	Atmospheric blue	On-board graphics card family	Intel Arc Graphics
Product type *	Hybrid (2-in-1)	On-board graphics card model *	Intel Arc Graphics 140V
Product colour *	Blue	Audio	
Form factor *	Convertible (Folder)	Number of built-in speakers	4
Market positioning	Premium	Built-in microphone	✓
Original brand name	HP	Number of microphones	2
Display		Camera	
Display diagonal *	35.6 cm (14")	Front camera	✓
Display resolution *	1920 x 1200 pixels	Network	
Touchscreen *	✓	Mobile network generation	4G
HD type	WUXGA	4G standard	LTE-A
Panel type	IPS	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
LED backlight	✓	Wi-Fi standards	Wi-Fi 7 (802.11be)
Native aspect ratio	16:10	Mobile network connection *	✓
Anti-glare screen	✓	Antenna type	2x2
Display brightness	800 cd/m²	Bluetooth	✓
Display diagonal (metric)	35.6 cm	Bluetooth version	5.4
Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor family *	Intel Core Ultra 7	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor generation	Intel Core Ultra (Series 2)	HDMI ports quantity *	1
Processor model *	258V	HDMI version	2.1
Processor cores	8	Thunderbolt 4 ports quantity	2
Processor threads	8	Intel® Thunderbolt 4	✓
Processor boost frequency	4.8 GHz	Combo headphone/mic port	✓
Performance cores	4	USB Type-C DisplayPort Alternate Mode	✓
Low Power Efficient-cores	4	USB Sleep-and-Charge	✓
Performance-core Max Turbo Frequency	4.8 GHz		
Low Power Efficient-core Max Turbo Frequency	3.7 GHz		

Processor		Ports & interfaces	
Performance-core base frequency	2.2 GHz	USB Sleep-and-Charge ports	2
Low Power Efficient-core Base Frequency	2200 MHz	Performance	
Processor cache	12 MB	Ambient light sensor	✓
Processor cache type	Smart Cache	Gyroscope	✓
Processor base power	17 W	Temperature sensor	✓
Maximum turbo power	37 W	Hall sensor	✓
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	✓	Software	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Operating system installed *	Windows 11 Pro
Total processor performance up to	115 TOPs	Brand-specific features	
NPU performance up to	47 TOPs	HP speaker type	HP Quad Speakers
GPU performance up to	64 TOPs	HP Connection Optimizer	✓
Memory		HP Support Assistant	✓
Internal memory *	32 GB	HP front camera	HP Webcam
Internal memory type	LPDDR5x-SDRAM	HP segment	Business
Memory form factor	On-board	Battery	
Maximum internal memory *	32 GB	Battery technology	Lithium Polymer (LiPo)
Memory data transfer rate	8533 MT/s	Battery capacity *	68 Wh
Storage		Power	
Total storage capacity *	512 GB	AC adapter power	65 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	512 GB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	USB Type-C charging port *	✓
SSD capacity	512 GB	USB Power Delivery (USB PD)	✓
Optical drive type *	✗	Security	
Graphics		Trusted Platform Module (TPM)	✓
Discrete graphics card model *	Not available	Trusted Platform Module (TPM) version	2.0
On-board graphics card *	✓	Weight & dimensions	
On-board GPU manufacturer	Intel	Width	313.9 mm
Discrete graphics card *	✗	Depth	219.9 mm
		Height (front)	1.05 cm
		Height (rear)	1.47 cm
		Weight *	1.4 kg



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