



HP EliteBook X EBXG1i14AI U7 258V 14 32GB/512 PC NX Copilot+ PC Intel Core Ultra 7 Laptop 35.6 cm (14") WUXGA LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Silver

Brand : HP

Product family: EliteBook X

Product code: B66TSAT#UW

Product name : EBXG1i14AI
U7 258V 14 32GB/512 PC NX



HP EliteBook X EBXG1i14AI U7 258V 14 32GB/512 PC NX. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 258V. 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: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics. Operating system installed: Windows 11 Pro. Product colour: Silver. Weight: 1.4 kg

Design		Camera	
Colour name	Glacier silver	Front camera	✓
Product type *	Laptop	Front camera resolution (numeric)	5 MP
Product colour *	Silver	Infrared (IR) camera	✓
Form factor *	Clamshell	Network	
Market positioning	Premium	Wi-Fi	✓
Country of origin	China, Thailand	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Original brand name	HP	Wi-Fi standards	Wi-Fi 7 (802.11be)
Display		Mobile network connection *	✗
Display diagonal *	35.6 cm (14")	Antenna type	2x2
Display resolution *	1920 x 1200 pixels	WLAN controller model	Intel Wi-Fi 7 BE201
Touchscreen *	✗	WLAN controller manufacturer	Intel
HD type	WUXGA	Bluetooth	✓
Panel type	IPS	Bluetooth version	5.4
Anti-glare screen	✓	Near Field Communication (NFC)	✓
Display brightness	400 cd/m²	Ports & interfaces	
Display diagonal (metric)	35.6 cm	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
RGB colour space	sRGB	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Colour gamut	100%	USB4 Gen 3x2 ports quantity	2
sRGB coverage (typical)	100%	HDMI ports quantity *	1
Processor		HDMI version	2.1
Processor manufacturer *	Intel	Thunderbolt 4 ports quantity	2
Processor family *	Intel Core Ultra 7	Intel® Thunderbolt 4	✓
Processor generation	Intel Core Ultra (Series 2)	Microphone in	✓
Processor model *	258V	Combo headphone/mic port	✓
Processor cores	8	USB Type-C DisplayPort Alternate Mode	✓
Processor threads	8	USB Sleep-and-Charge	✓
Processor boost frequency	4.8 GHz	USB Sleep-and-Charge ports	2
Performance cores	4		
Low Power Efficient-cores	4		
Performance-core Max Turbo Frequency	4.8 GHz		

Processor		Performance	
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	Gyroscope	✓
Performance-core base frequency	2.2 GHz	Temperature sensor	✓
Low Power Efficient-core Base Frequency	2200 MHz	Hall sensor	✓
Processor cache	12 MB	Repairability index	6.8
Processor cache type	L3	Keyboard	
Processor base power	17 W	Pointing device	Clickpad
Maximum turbo power	37 W	Numeric keypad *	✗
Neural processor unit (NPU)		Keyboard backlit	✓
Copilot+ PC	✓	Spill-resistant keyboard	✓
Neural processor unit (NPU)	Intel AI Boost	Input device model	HP Premium Keyboard
Sparsity support	✓	Keyboard colour name	Soft gray
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	Processor special features	
NPU performance up to	47 TOPs	Intel® Turbo Boost Technology	✓
GPU performance up to	64 TOPs	Brand-specific features	
Memory		HP segment	Business
Internal memory *	32 GB	Battery	
Internal memory type	LPDDR5x-SDRAM	Battery technology	Lithium Polymer (LiPo)
Memory clock speed	8533 MHz	Number of battery cells	3
Memory form factor	On-board	Battery capacity *	56 Wh
Memory layout (slots x size)	Not available	Power	
Maximum internal memory *	32 GB	AC adapter power	65 W
Storage		AC adapter frequency	50 - 60 Hz
Total storage capacity *	512 GB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	USB Type-C charging port *	✓
Total SSDs capacity	512 GB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	Security	
SSD capacity	512 GB	Fingerprint reader	✓
SSD interface	PCI Express	Password protection	✓
NVMe	✓	Password protection type	BIOS, Power on
Optical drive type *	✗	Certificates	
Graphics		Compliance certificates	CCC, RoHS, CE, BSMI
Discrete graphics card model *	Not available	Sustainability	
On-board graphics card *	✓	Sustainability compliance	✓
On-board GPU manufacturer	Intel	Sustainability certificates	ENERGY STAR, TCO
Discrete graphics card *	✗	Weight & dimensions	
On-board graphics card family	Intel Arc Graphics	Width	313.9 mm
On-board graphics card model *	Intel Arc Graphics	Depth	219.9 mm
Audio		Height (front)	1.05 cm
Built-in speaker(s)	✓	Height (rear)	1.49 cm
Number of built-in speakers	4	Weight *	1.4 kg
Built-in microphone	✓	Packaging content	
Number of microphones	2	AC adapter included *	✓
		Keyboard included	✓
		Other features	
		UNSPSC-code	43211503



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