



HP EliteBook X G1i Intel Core Ultra 5 226V Laptop 35.6 cm (14") WUXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Silver

Brand : HP

Product family: EliteBook X

Product code: B66PJES

Product name : EliteBook X G1i

- Windows 11 Pro
- Intel Core Ultra 5 226V (8MB Cache)
- 14" WUXGA 1920 x 1200
- 16GB LPDDR5x-SDRAM & 512GB SSD

Intel Core Ultra 5 226V (8MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, 14" WUXGA 1920 x 1200, Intel Arc Graphics 130V, 4G, Windows 11 Pro

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Design		Graphics	
Product type *	Laptop	On-board GPU manufacturer	Intel
Product colour *	Silver	Discrete graphics card *	✗
Form factor *	Clamshell	On-board graphics card family	Intel Arc Graphics
Market positioning	Premium	On-board graphics card model *	Intel Arc Graphics 130V
Display		Audio	
Display diagonal *	35.6 cm (14")	Number of built-in speakers	4
Display resolution *	1920 x 1200 pixels	Speaker power	1 W
Touchscreen *	✗	Built-in microphone	✓
HD type	WUXGA	Network	
LED backlight	✓	Mobile network generation	4G
Native aspect ratio	16:10	4G standard	LTE
Anti-glare screen	✓	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display brightness	400 cd/m²	Mobile network connection *	✓
Display diagonal (metric)	35.6 cm	Bluetooth	✓
RGB colour space	sRGB	Ports & interfaces	
Colour gamut	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 5	HDMI version	2.1
Processor generation	Intel Core Ultra (Series 2)	Thunderbolt 4 ports quantity	2
Processor model *	226V	Combo headphone/mic port	✓
Processor cores	8	USB Type-C DisplayPort Alternate Mode	✓
Processor threads	8	Performance	
Processor boost frequency	4.5 GHz	Ambient light sensor	✓
Performance cores	4	Gyroscope	✓
Low Power Efficient-cores	4	Temperature sensor	✓
Performance-core Max Turbo Frequency	4.5 GHz	Hall sensor	✓
Low Power Efficient-core Max Turbo Frequency	3.5 GHz		
Performance-core base frequency	2.1 GHz		

Processor		Keyboard	
Low Power Efficient-core Base Frequency	2100 MHz	Pointing device	Clickpad
Processor cache	8 MB	Numeric keypad *	✗
Processor cache type	Smart Cache	Keyboard backlit	✓
Processor base power	17 W	Spill-resistant keyboard	✓
Maximum turbo power	37 W	Software	
Neural processor unit (NPU)		Operating system installed *	Windows 11 Pro
Neural processor unit (NPU)	Intel AI Boost	Brand-specific features	
Sparsity support	✓	HP speaker type	HP Quad Speakers
Windows Studio effects support	✓	HP Connection Optimizer	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	HP Support Assistant	✓
Total processor performance up to	97 TOPs	HP segment	Business
NPU performance up to	40 TOPs	Battery	
GPU performance up to	53 TOPs	Battery technology	Lithium Polymer (LiPo)
Memory		Number of battery cells	6
Internal memory *	16 GB	Battery capacity *	68 Wh
Internal memory type	LPDDR5x-SDRAM	Fast charging	✓
Memory form factor	On-board	Fast charging time (50%)	30 min
Maximum internal memory *	16 GB	Power	
Memory data transfer rate	8533 MT/s	AC adapter power	65 W
Storage		USB Type-C charging port *	✓
Total storage capacity *	512 GB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	Security	
Total SSDs capacity	512 GB	Cable lock slot	✓
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	512 GB	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Weight & dimensions	
Graphics		Width	313.9 mm
Discrete graphics card model *	Not available	Depth	219.9 mm
On-board graphics card *	✓	Height (front)	1.05 cm
		Height (rear)	1.49 cm
		Weight *	1.18 kg



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