



HP EliteBook Ultra G1i Intel Core Ultra 7 258V Laptop 35.6 cm (14") 2.8K 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Blue



Brand : HP

Product family: EliteBook

Product code: B66PHES

Product name : EliteBook Ultra G1i

- Windows 11 Pro
 - Intel Core Ultra 7 258V (12MB Cache)
 - 14" 2.8K 2880 x 1800
 - 16GB (8533MHz) LPDDR5x-SDRAM & 1000GB SSD
- Intel Core Ultra 7 258V (12MB Cache), 16GB LPDDR5x-SDRAM, 1000GB SSD, 14" 2.8K 2880 x 1800, Intel Arc Graphics 140V, WLAN, HP Webcam, Windows 11 Pro

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Design		Storage	
Product type *	Laptop	Number of SSDs installed	1
Product colour *	Blue	SSD capacity	1 TB
Form factor *	Clamshell	Optical drive type *	✗
Market positioning	Premium	Graphics	
Display		Discrete graphics card model *	Not available
Display diagonal *	35.6 cm (14")	On-board graphics card *	✓
Display resolution *	2880 x 1800 pixels	On-board GPU manufacturer	Intel
Touchscreen *	✗	Discrete graphics card *	✗
HD type	2.8K	On-board graphics card family	Intel Arc Graphics
LED backlight	✓	On-board graphics card model *	Intel Arc Graphics 140V
Native aspect ratio	16:10	Audio	
Display brightness	400 cd/m²	Number of built-in speakers	2
Display diagonal (metric)	35.6 cm	Built-in microphone	✓
Processor		Number of microphones	2
Processor manufacturer *	Intel	Camera	
Processor family *	Intel Core Ultra 7	Front camera	✓
Processor generation	Intel Core Ultra (Series 2)	Network	
Processor model *	258V	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor cores	8	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor threads	8	Mobile network connection *	✗
Processor boost frequency	4.8 GHz	Antenna type	2x2
Performance cores	4	Bluetooth	✓
Low Power Efficient-cores	4	Bluetooth version	5.4
Performance-core Max Turbo Frequency	4.8 GHz	Ports & interfaces	
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Performance-core base frequency	2.2 GHz	Thunderbolt 4 ports quantity	3
Low Power Efficient-core Base Frequency	2200 MHz	Combo headphone/mic port	✓
Processor cache	12 MB		
Processor cache type	Smart Cache		

Processor		Ports & interfaces	
Processor base power	17 W	USB Type-C DisplayPort Alternate Mode	✓
Maximum turbo power	37 W		
Neural processor unit (NPU)		Keyboard	
Neural processor unit (NPU)	Intel AI Boost	Numeric keypad *	✗
Sparsity support	✓		
Windows Studio effects support	✓		
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN		
Total processor performance up to	115 TOPs		
NPU performance up to	47 TOPs		
GPU performance up to	64 TOPs		
Memory		Battery	
Internal memory *	16 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	LPDDR5x-SDRAM	Battery capacity *	64 Wh
Memory clock speed	8533 MHz		
Maximum internal memory *	16 GB		
Storage		Power	
Total storage capacity *	1 TB	AC adapter power	65 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	1 TB	AC adapter input voltage	100 - 240 V
		USB Type-C charging port *	✓
		USB Power Delivery (USB PD)	✓
		Weight & dimensions	
		Width	313.7 mm
		Depth	217.2 mm
		Height (front)	9 mm
		Height (rear)	1.21 cm
		Weight *	1.69 kg
		Packaging content	
		AC adapter included *	✗



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