



HP ProBook 4 G1i Intel Core Ultra 5 225U Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver

Brand : HP

Product family: ProBook 4

Product code: CW6Q9ES

Product name : ProBook 4 G1i

- Windows 11 Pro
- Intel Core Ultra 5 225U (12MB Cache)
- 16" WUXGA 1920 x 1200
- 16GB (5600MHz) DDR5-SDRAM & 512GB SSD
Intel Core Ultra 5 225U (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 16" WUXGA 1920 x 1200, Intel Graphics, WLAN, Webcam, Windows 11 Pro

HP ProBook 4 G1i Intel Core Ultra 5 225U Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver:

Maximize your potential with a resilient, future-ready laptop

The HP ProBook 4 G1i 16-inch Notebook AI PC provides growing businesses with commercial-grade performance, multi-layered endpoint security^[6], and durability in an easily upgradeable design. Powered by the latest Intel® processor^[2] with 11 TOPS NPU^[4] and long battery life, this feature-rich PC is future-ready for long-term productivity and AI exploration.



Design		Audio	
Product type *	Laptop	Built-in speaker(s)	✓
Product colour *	Silver	Number of built-in speakers	2
Form factor *	Clamshell	Built-in microphone	✓
Market positioning	Everyday	Number of microphones	2
Country of origin	China, Thailand	Camera	
Original brand name	HP	Front camera	✓
Display		Network	
Display diagonal *	40.6 cm (16")	Wi-Fi	✓
Display resolution *	1920 x 1200 pixels	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6E (802.11ax)
HD type	WUXGA	Mobile network connection *	✗
LED backlight	✓	Ethernet LAN	✓
Anti-glare screen	✓	Ethernet LAN data rates	10,100,1000 Mbit/s
Display brightness	300 cd/m²	Bluetooth	✓
Display diagonal (metric)	40.6 cm	Bluetooth version	5.3
RGB colour space	sRGB	Cabling technology	10/100/1000Base-T(X)
sRGB coverage (typical)	62.5%	Ports & interfaces	
Processor		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor manufacturer *	Intel	USB 3.2 Gen 2x2 Type-C ports quantity	2
Processor family *	Intel Core Ultra 5	Ethernet LAN (RJ-45) ports	1
Processor generation	Intel Core Ultra (Series 2)	HDMI ports quantity *	1
Processor model *	225U	HDMI version	2.1
Processor cores	12	Combo headphone/mic port	✓
Processor threads	14	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	4.8 GHz	USB Sleep-and-Charge	✓
Performance cores	2	USB Sleep-and-Charge ports	2
Efficient cores	8		
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	4.8 GHz		
Efficient-core Max Turbo Frequency	3.8 GHz		

Processor		Performance	
Low Power Efficient-core Max Turbo Frequency	2.4 GHz	Temperature sensor	✓
Performance-core base frequency	1.5 GHz	Hall sensor	✓
Efficient-core base frequency	1.3 GHz	Keyboard	
Low Power Efficient-core Base Frequency	700 MHz	Pointing device	Clickpad
Processor cache	12 MB	Numeric keypad *	✓
Processor cache type	L3	Spill-resistant keyboard	✓
Processor base power	15 W	Full-size keyboard	✓
Maximum turbo power	57 W	Copilot key	✓
Neural processor unit (NPU)		Software	
Neural processor unit (NPU)	Intel AI Boost	Microsoft Copilot	✓
Sparsity support	✓	Operating system installed *	Windows 11 Pro
Windows Studio effects support	✓	Processor special features	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Intel® Turbo Boost Technology	✓
NPU performance up to	12 TOPs	Brand-specific features	
Memory		HP speaker type	HP Dual Speakers
Internal memory *	16 GB	HP segment	Business
Internal memory type	DDR5-SDRAM	Battery	
Memory clock speed	5600 MHz	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	SO-DIMM	Number of battery cells	3
Maximum internal memory *	48 GB	Battery capacity *	56 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)	✓
SSD interface	PCI Express	Security	
NVMe	✓	Fingerprint reader	✓
Optical drive type *	✗	Password protection	✓
Graphics		Password protection type	BIOS, Power on
Discrete graphics card model *	Not available	Certificates	
On-board graphics card *	✓	Compliance certificates	CECP, CCC, RoHS, Federal Communications Commission (FCC), CE, BSMI
On-board GPU manufacturer	Intel	Sustainability	
Discrete graphics card *	✗	Sustainability compliance	✓
On-board graphics card family	Intel® Graphics	Sustainability certificates	ENERGY STAR, TCO
On-board graphics card model *	Intel® Graphics	Weight & dimensions	
		Width	359.4 mm
		Depth	251 mm
		Height (front)	1.09 cm
		Height (rear)	1.7 cm
		Weight *	1.74 kg
		Packaging content	
		Keyboard included	✓
		Other features	
		UNSPSC-code	43211503



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