



HP ProBook 4 G1iR Intel Core 5 120U Laptop 40.6 cm (16") WUXGA 8 GB DDR5-SDRAM 256 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver



Brand : HP

Product family: ProBook 4

Product code: B3AC7AT

Product name : ProBook 4
G1iR

- Intel Core™ 5 120U (up to 5.0 GHz with Intel Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)
 - Windows 11 Pro
 - 40.6 cm (16") diagonal WUXGA display
 - Intel Graphics
 - 8 GB DDR5-5600 MT/s (1 x 8 GB), 256 GB PCIe NVMe™ SSD
- ProBook 4 G1iR 16 inch Notebook PC, 16", Windows 11 Pro, Intel Core™ 5, 8GB RAM, 256GB SSD, WUXGA, Pike silver

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Optimize your work with a resilient, future-ready laptop

The HP ProBook 4 G1iR 16-inch Notebook PC provides growing businesses with commercial-grade performance, multi-layered endpoint security^[5], and durability in an easily upgradeable design. Powered by the latest Intel processor^[2] and long battery life, this feature-rich PC is future-ready for long-term productivity and helps enable hybrid work.

Design		Network	
Colour name	Pike silver	WLAN controller manufacturer	Intel
Product type *	Laptop	Ethernet LAN	✓
Product colour *	Silver	Ethernet LAN data rates	10,100,1000 Mbit/s
Form factor *	Clamshell	Bluetooth	✓
Market positioning	Everyday	Bluetooth version	5.3
Introduction year	2025	Cabling technology	10/100/1000Base-T(X)
Country of origin	China, Thailand	Ports & interfaces	
Original brand name	HP	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Display diagonal *	40.6 cm (16")	USB 3.2 Gen 2x2 Type-C ports quantity	2
Display resolution *	1920 x 1200 pixels	Ethernet LAN (RJ-45) ports	1
Touchscreen *	✗	HDMI ports quantity *	1
HD type	WUXGA	HDMI version	2.1
Panel type	IPS	Microphone in	✓
LED backlight	✓	Combo headphone/mic port	✓
Anti-glare screen	✓	USB Type-C DisplayPort Alternate Mode	✓
Display brightness	300 cd/m ²	USB Sleep-and-Charge	✓
Display diagonal (metric)	40.6 cm	USB Sleep-and-Charge ports	2
RGB colour space	sRGB	Performance	
Colour gamut	62.5%	Temperature sensor	✓
sRGB coverage (typical)	62.5%	Hall sensor	✓
Processor		Keyboard	
Processor manufacturer *	Intel	Pointing device	Clickpad
Processor family *	Intel Core 5	Numeric keypad *	✓
Processor generation	Intel Core (Series 1)	Spill-resistant keyboard	✓
Processor model *	120U	Copilot key	✓
Processor cores	10		
Processor threads	12		
Processor boost frequency	5 GHz		
Performance cores	2		
Efficient cores	8		

Processor		Software	
Performance-core Max Turbo Frequency	5 GHz	Microsoft Copilot	✓
Efficient-core Max Turbo Frequency	3.8 GHz	Operating system installed *	Windows 11 Pro
Performance-core base frequency	1.4 GHz	Processor special features	
Efficient-core base frequency	0.9 GHz	Intel® Turbo Boost Technology	✓
Processor cache	12 MB	Brand-specific features	
Processor cache type	L3	HP speaker type	HP Dual Speakers
Processor base power	15 W	HP segment	Business
Maximum turbo power	55 W	HP GTIN (EAN/UPC)	199485599236
Memory		Battery	
Internal memory *	8 GB	Battery technology	Lithium Polymer (LiPo)
Internal memory type	DDR5-SDRAM	Number of battery cells	3
Memory clock speed	5600 MHz	Battery capacity *	56 Wh
Memory form factor	SO-DIMM	Power	
Memory layout (slots x size)	1 x 8 GB	AC adapter power	65 W
Memory slots	2x SO-DIMM	AC adapter frequency	50 - 60 Hz
Maximum internal memory *	8 GB	AC adapter input voltage	100 - 240 V
Storage		USB Type-C charging port *	✓
Total storage capacity *	256 GB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	Security	
Total SSDs capacity	256 GB	Fingerprint reader	✓
Number of SSDs installed	1	Password protection	✓
SSD capacity	256 GB	Password protection type	BIOS, Power on
SSD interface	PCI Express	Certificates	
NVMe	✓	Compliance certificates	CECP, GS mark, CCC, RoHS, Federal Communications Commission (FCC), CE, BSMI
Optical drive type *	✗	Sustainability	
Card reader integrated	✗	Sustainability compliance	✓
Graphics		Sustainability certificates	ENERGY STAR, EPEAT, TCO, TCO10
Discrete graphics card model *	Not available	Sustainable technologies and materials	At least 50% recycled metal; HP paper-based packaging is from recycled or certified sources; At least 25% post-consumer recycled plastic; At least 50% ocean-bound plastic; Low halogen; Bulk packaging available
On-board graphics card *	✓	Weight & dimensions	
On-board GPU manufacturer	Intel	Width	359.4 mm
Discrete graphics card *	✗	Depth	251 mm
On-board graphics card family	Intel® Graphics	Height (front)	1.09 cm
On-board graphics card model *	Intel® Graphics	Height (rear)	1.7 cm
Audio		Weight *	1.74 kg
Built-in speaker(s)	✓	Packaging content	
Number of built-in speakers	2	Keyboard included	✓
Built-in microphone	✓	Logistics data	
Number of microphones	2	Harmonized System (HS) code	8471300000
Camera		Technical details	
Front camera	✓	General Product Safety Regulation (GPSR) URL https://support.hp.com/us-en/document/ish_6126692-6126777-16?openCLC=true	
Front camera resolution	1920 x 1080 pixels	Other features	
Front camera HD type	Full HD	UNSPSC-code	43211503
Network		Memory module type	SODIMM
Wi-Fi	✓		
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	Wi-Fi 6E (802.11ax)		
Mobile network connection *	✗		
Antenna type	2x2		
WLAN controller model	Intel Wi-Fi 6E AX211		

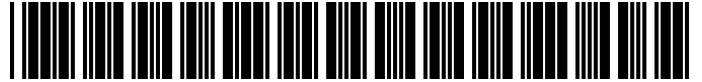
Other features

Manufacturer warranty

1-year warranty and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. On-site service and extended coverage is also available. HP Care Pack Services are optional extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: <http://www.hp.com/go/cpc> .



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