



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



**Brand :** HP

**Product family:** ProBook 4

**Product code:** B3AC8AT

**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
  - 16 GB DDR5-5600 MT/s (1 x 16 GB), 256 GB PCIe NVMe™ SSD
- ProBook 4 G1iR 16 inch Notebook PC, 16", Windows 11 Pro, Intel Core™ 5, 16GB RAM, 256GB SSD, WUXGA, Pike silver

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

## 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<sup>[5]</sup>, and durability in an easily upgradeable design. Powered by the latest Intel processor<sup>[2]</sup> 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	Ethernet LAN	✓
Product type *	Laptop	Ethernet LAN data rates	10,100,1000 Mbit/s
Product colour *	Silver	Bluetooth	✓
Form factor *	Clamshell	Bluetooth version	5.3
Market positioning	Everyday	Cabling technology	10/100/1000Base-T(X)
Country of origin	China, Thailand	<b>Ports &amp; interfaces</b>	
Original brand name	HP	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
<b>Display</b>		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	HDMI ports quantity *	1
Touchscreen *	✗	HDMI version	2.1
HD type	WUXGA	Microphone in	✓
Panel type	IPS	USB Type-C DisplayPort Alternate Mode	✓
Display brightness	300 cd/m <sup>2</sup>	USB Sleep-and-Charge	✓
Display diagonal (metric)	40.6 cm	USB Sleep-and-Charge ports	2
RGB colour space	sRGB	<b>Performance</b>	
Colour gamut	62.5%	Temperature sensor	✓
sRGB coverage (typical)	62.5%	Hall sensor	✓
<b>Processor</b>		<b>Keyboard</b>	
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	<b>Software</b>	
Processor cores	10	Operating system installed *	Windows 11 Pro
Processor threads	12		
Processor boost frequency	5 GHz		
Performance cores	2		
Efficient cores	8		
Performance-core Max Turbo Frequency	5 GHz		
Efficient-core Max Turbo Frequency	3.8 GHz		

<b>Processor</b>		<b>Processor special features</b>	
Performance-core base frequency	1.4 GHz	Intel® Turbo Boost Technology	✓
Efficient-core base frequency	0.9 GHz	<b>Brand-specific features</b>	
Processor cache	12 MB	HP speaker type	HP Dual Speakers
Processor cache type	L3	HP segment	Business
Processor base power	15 W	HP GTIN (EAN/UPC)	199485599212
Maximum turbo power	55 W	<b>Battery</b>	
<b>Memory</b>		Battery technology	Lithium Polymer (LiPo)
Internal memory *	16 GB	Number of battery cells	3
Internal memory type	DDR5-SDRAM	Battery capacity *	56 Wh
Memory clock speed	5600 MHz	Fast charging	✓
Memory form factor	SO-DIMM	Fast charging time (50%)	30 min
Memory layout (slots x size)	1 x 16 GB	<b>Power</b>	
Memory slots	2x SO-DIMM	AC adapter power	65 W
Maximum internal memory *	16 GB	AC adapter frequency	50 - 60 Hz
<b>Storage</b>		AC adapter input voltage	100 - 240 V
Total storage capacity *	256 GB	USB Type-C charging port *	✓
Storage media *	SSD	USB Power Delivery (USB PD)	✓
Total SSDs capacity	256 GB	<b>Security</b>	
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	256 GB	Fingerprint reader	✓
SSD interface	PCI Express	Password protection	✓
NVMe	✓	Password protection type	BIOS, Power on
Optical drive type *	✗	<b>Certificates</b>	
Card reader integrated	✗	Compliance certificates	CECP, GS mark, CCC, RoHS, Federal Communications Commission (FCC), CE, BSMI
<b>Graphics</b>		<b>Sustainability</b>	
Discrete graphics card model *	Not available	Sustainability compliance	✓
On-board graphics card *	✓	Sustainability certificates	ENERGY STAR, EPEAT, TCO, TCO10
On-board GPU manufacturer	Intel	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
Discrete graphics card *	✗		
On-board graphics card family	Intel® Graphics	<b>Weight &amp; dimensions</b>	
On-board graphics card model *	Intel® Graphics	Width	359.4 mm
<b>Audio</b>		Depth	251 mm
Built-in speaker(s)	✓	Height (front)	1.09 cm
Number of built-in speakers	2	Height (rear)	1.7 cm
Number of microphones	2	Weight *	1.74 kg
<b>Camera</b>		<b>Packaging content</b>	
Front camera	✓	Keyboard included	✓
Front camera resolution	1920 x 1080 pixels	<b>Logistics data</b>	
Front camera HD type	Full HD	Harmonized System (HS) code	8471300000
<b>Network</b>		<b>Technical details</b>	
Wi-Fi	✓	General Product Safety Regulation (GPSR) URL	<a href="https://support.hp.com/us-en/document/ish_6126692-6126777-167openCLC=true">https://support.hp.com/us-en/document/ish_6126692-6126777-167openCLC=true</a>
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	<b>Other features</b>	
Wi-Fi standards	Wi-Fi 6E (802.11ax)	UNSPSC-code	43211503
Mobile network connection *	✗	Memory module type	SODIMM
Antenna type	2x2		
WLAN controller model	Intel Wi-Fi 6E AX211		
WLAN controller manufacturer	Intel		

## 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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