



HP OmniBook 5 16-bc1002na AMD Ryzen™ 5 8540U Laptop 40.6 cm (16") Touchscreen 2K 8 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Silver

Brand : HP

Product family: OmniBook 5

Product code: BG3L0EA

Product name : OmniBook 5
16-bc1002na

- AMD Ryzen™ 5 8540U (up to 4.9 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads)
- Windows 11 Home
- 40.6 cm (16") diagonal 2K display
- AMD Radeon™ 740M Graphics
- 8 GB LPDDR5-6400 MT/s (onboard), 512 GB PCIe Gen4 NVMe™ M.2 SSD

OmniBook 5 Laptop 16-bc1002na, Windows 11 Home, 16", Touch screen, AMD Ryzen™ 5, 8GB RAM, 512GB SSD, 2K, Glacier silver

[HP OmniBook 5 16-bc1002na AMD Ryzen™ 5 8540U Laptop 40.6 cm \(16"\) Touchscreen 2K 8 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 6 \(802.11ax\) Windows 11 Home Silver:](#)



The HP OmniBook 5 16-inch PC comes with the powerful AMD Ryzen™ Processor^[1] so you can streamline your day.

Streamline your day with the HP OmniBook 5 16-inch PC, powered by an AMD Ryzen™ Processor^[1] for seamless multitasking. Enjoy a stunning display, stay charged with HP Fast Charge^[2], and enhance efficiency with the Copilot hotkey^[3] for instant AI access and versatile USB-C ports to connect all your devices.

Design		Ports & interfaces	
Colour name	Glacier silver	HDMI version	2.1
Product type *	Laptop	Microphone in	✓
Product colour *	Silver	Combo headphone/mic port	✓
Form factor *	Clamshell	USB Type-C DisplayPort Alternate Mode	✓
Market positioning	Premium	USB Sleep-and-Charge	✓
Introduction year	2025	USB Sleep-and-Charge ports	2
Product design	Matte finish	Performance	
Country of origin	China	Motherboard chipset	AMD SoC
Original brand name	HP	Keyboard	
Display		Pointing device	Touchpad
Display diagonal *	40.6 cm (16")	Numeric keypad *	✓
Display resolution *	1920 x 1200 pixels	Keyboard backlit	✓
Touchscreen *	✓	Full-size keyboard	✓
HD type	2K	Keyboard colour name	soft grey
Panel type	IPS	Software	
Native aspect ratio	16:10	Pre-installed software	Copilot in Windows with Copilot key, 1 month trial for new Microsoft 365 customers, McAfee Online Protection 30-day trial; 1-month Adobe free trial offer; PC Game Pass 3-month trial
Anti-glare screen	✓	Trial software	100 GB Dropbox storage for 3 months
Display bezel technology	Micro-Edge	Operating system installed *	Windows 11 Home
Display brightness	300 cd/m²	Brand-specific features	
Display diagonal (metric)	40.6 cm	HP Audio Boost	✓
RGB colour space	sRGB	HP speaker type	HP Dual Speakers
Colour gamut	62.5%	HP Imagepad	✓
sRGB coverage (typical)	62.5%	HP front camera	HP TrueVision FHD
Processor			
Processor manufacturer *	AMD		
Processor family *	AMD Ryzen™ 5		
Processor model *	8540U		
Processor cores	6		
Processor threads	12		
Processor boost frequency	4.9 GHz		
Processor frequency *	3.2 GHz		

Processor		Brand-specific features		
Processor cache	16 MB	HP Security tools	Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support	
Processor cache type	L3			
Memory				
Internal memory *	8 GB			
Internal memory type	LPDDR5-SDRAM	HP Software provided		HP Support Assistant; HP Connection Optimizer; HP AI Companion
Memory clock speed	6400 MHz	HP segment		Home
Memory form factor	On-board	HP GTIN (EAN/UPC)		199251075797
Memory layout (slots x size)	Not available	Battery		
Maximum internal memory *	8 GB	Battery technology		Lithium Polymer (LiPo)
Storage		Number of battery cells	3	
Total storage capacity *	512 GB	Battery capacity *	59 Wh	
Storage media *	SSD	Battery life (max)	14.75 h	
Total SSDs capacity	512 GB	Continuous video playback time	16.75 h	
Number of SSDs installed	1	Fast charging	✓	
SSD capacity	512 GB	Fast charging time (50%)	30 min	
SSD interface	PCI Express 4.0	Power		
NVMe	✓	AC adapter power	65 W	
SSD form factor	M.2	AC adapter frequency	50 - 60 Hz	
Optical drive type *	✗	AC adapter input voltage	100 - 240 V	
Graphics		USB Type-C charging port *	✓	
Discrete graphics card model *	Not available	USB Power Delivery (USB PD)	✓	
On-board graphics card *	✓	Security		
On-board GPU manufacturer	AMD	Trusted Platform Module (TPM)	✓	
Discrete graphics card *	✗	Password protection	✓	
On-board graphics card family	AMD Radeon Graphics	Password protection type	BIOS, Power on	
On-board graphics card model *	AMD Radeon 740M	Sustainability		
AMD FreeSync	✓	Sustainability compliance	✓	
Audio		Sustainability certificates	ENERGY STAR, EPEAT, EPEAT Gold	
Audio system	DTS:X Ultra	Sustainable technologies and materials	Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic; Recycled metal in cover, keyboard frame, sideband and hinge cap(s)	
Built-in speaker(s)	✓			
Number of built-in speakers	2			
Built-in microphone	✓			
Number of microphones	2	Weight & dimensions		
Camera		Width	357.7 mm	
Front camera	✓	Depth	254.8 mm	
Front camera resolution	1920 x 1080 pixels	Height (front)	1.79 cm	
Front camera HD type	Full HD	Height (rear)	1.86 cm	
Network		Weight *	1.77 kg	
Wi-Fi	✓	Packaging data		
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Package width	63 mm	
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Package depth	504 mm	
Mobile network connection *	✗	Package height	305 mm	
Antenna type	2x2	Package weight	2.52 kg	
WLAN controller manufacturer	Realtek	Carbon footprint		
Bluetooth	✓	Total carbon footprint (kg of CO2e)	150	
Bluetooth version	5.3	Carbon emissions, manufacturing (kg of CO2e)	134	
Ports & interfaces		Carbon emissions, logistics (kg of CO2e)	4	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Carbon emissions, end-of-life (kg of CO2e)	0.6	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1	Total carbon emissions, w/o use phase (kg of CO2e)	16	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2	Packaging content		
HDMI ports quantity *	1	AC adapter included *	✓	
		Keyboard included	✓	

Technical details
General Product Safety Regulation (GPSR) URL https://support.hp.com/us-en/document/ish_6126692-6126777-16?openCLC=true ; HP REG 23010, 08028 Barcelona, Spain ; reg@hp.com

Other features

UNSPSC-code	43211503
Manufacturer warranty	1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.



0199251075797



199251075797

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 05-MAY-2026. Prints or copies of Information are only valid on the printed Publication date