



HP OmniBook 5 16-bc1003na AMD Ryzen™ 5 8540U Laptop 40.6 cm (16") 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: BG3L1EA

Product name : OmniBook 5
16-bc1003na



- 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-bc1003na, Windows 11 Home, 16", AMD Ryzen 5, 8GB RAM, 512GB SSD, 2K, Glacier silver



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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	Microphone in	✓
Product type *	Laptop	Combo headphone/mic port	✓
Product colour *	Silver	USB Type-C DisplayPort Alternate Mode	✓
Form factor *	Clamshell	USB Sleep-and-Charge	✓
Market positioning	Everyday	USB Sleep-and-Charge ports	2
Introduction year	2025		
Country of origin	China		
Original brand name	HP	Performance	
		Motherboard chipset	AMD SoC
Display		Keyboard	
Display diagonal *	40.6 cm (16")	Pointing device	Touchpad
Display resolution *	1920 x 1200 pixels	Numeric keypad *	✓
Touchscreen *	✗	Keyboard backlit	✓
HD type	2K	Full-size keyboard	✓
Panel type	IPS	Keyboard colour name	soft grey
Native aspect ratio	16:10	Software	
Anti-glare screen	✓	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
Display bezel technology	Micro-Edge		
Display brightness	300 cd/m²	Trial software	100 GB Dropbox storage for 3 months
Display diagonal (metric)	40.6 cm		
RGB colour space	sRGB	Operating system installed *	Windows 11 Home
Colour gamut	62.5%		
sRGB coverage (typical)	62.5%	Brand-specific features	
Processor		HP Audio Boost	✓
Processor manufacturer *	AMD	HP speaker type	HP Dual Speakers
Processor family *	AMD Ryzen™ 5	HP Imagepad	✓
Processor model *	8540U	HP front camera	HP TrueVision FHD
Processor cores	6		
Processor threads	12		
Processor boost frequency	4.9 GHz		
Processor frequency *	3.2 GHz		
Processor cache	16 MB		

Processor		Brand-specific features		
Processor cache type	L3	HP Security tools	Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support	
Memory			HP Software provided	HP Support Assistant; HP Connection Optimizer; HP AI Companion
Internal memory *	8 GB			Home
Internal memory type	LPDDR5-SDRAM			199251075803
Memory clock speed	6400 MHz			
Memory form factor	On-board	HP segment HP GTIN (EAN/UPC)		
Memory layout (slots x size)	Not available			
Maximum internal memory *	8 GB			
Storage			Battery	
Total storage capacity *	512 GB	Battery technology	Lithium Polymer (LiPo)	
Storage media *	SSD	Number of battery cells	3	
Total SSDs capacity	512 GB	Battery capacity *	59 Wh	
Number of SSDs installed	1	Battery life (max)	14.75 h	
SSD capacity	512 GB	Continuous video playback time (max)	16.75 h	
SSD interface	PCI Express 4.0	Fast charging	✓	
NVMe	✓	Fast charging time (50%)	30 min	
SSD form factor	M.2	Power		
Optical drive type *	✗		AC adapter power	65 W
Graphics			AC adapter frequency	50 - 60 Hz
Discrete graphics card model *	Not available		AC adapter input voltage	100 - 240 V
On-board graphics card *	✓	USB Type-C charging port *	✓	
On-board GPU manufacturer	AMD	USB Power Delivery (USB PD)	✓	
Discrete graphics card *	✗	Security		
On-board graphics card family	AMD Radeon Graphics		Trusted Platform Module (TPM)	✓
On-board graphics card model *	AMD Radeon 740M		Password protection	✓
AMD FreeSync	✓		Password protection type	BIOS, Power on
Audio		Sustainability		
Audio system	DTS:X Ultra	Sustainability compliance	✓	
Built-in speaker(s)	✓	Sustainability certificates	ENERGY STAR, EPEAT, EPEAT Gold	
Number of built-in speakers	2	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 microphone	✓			
Number of microphones	2			
Camera				
Front camera	✓	Weight & dimensions		
Front camera resolution	1920 x 1080 pixels		Width	357.7 mm
Front camera HD type	Full HD		Depth	254.8 mm
Network			Height (front)	1.79 cm
Wi-Fi	✓	Height (rear)	1.86 cm	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Weight *	1.77 kg	
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Packaging data		
Mobile network connection *	✗		Package width	63 mm
Antenna type	2x2		Package depth	504 mm
WLAN controller manufacturer	Realtek		Package height	305 mm
Bluetooth	✓	Package weight	2.52 kg	
Bluetooth version	5.3	Carbon footprint		
Ports & interfaces			Total carbon footprint (kg of CO2e)	171.02
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1		Carbon emissions, manufacturing (kg of CO2e)	156.308
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1		Carbon emissions, logistics (kg of CO2e)	4.617
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2	Carbon emissions, end-of-life (kg of CO2e)	0.526	
HDMI ports quantity *	1	Total carbon emissions, w/o use phase (kg of CO2e)	9.569	
HDMI version	2.1	Packaging content		
			AC adapter included *	✓

Packaging content

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
Supplied AC adapter type	Matte finish
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.



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