



HP OmniBook 5 16-bc1004na AMD Ryzen™ 5 8540U Laptop 40.6 cm (16") 2K 16 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Silver

Brand : HP

Product family: OmniBook 5

Product code: BH3G3EA

Product name : OmniBook 5
16-bc1004na

- 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

- 16 GB LPDDR5-6400 MT/s (onboard), 512 GB PCIe Gen4 NVMe M.2 SSD

OmniBook 5 Laptop 16-bc1004na, Windows 11 Home, 16", AMD Ryzen 5, 16GB 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		
Display		Performance	
Display diagonal *	40.6 cm (16")	Motherboard chipset	AMD SoC
Display resolution *	1920 x 1200 pixels	Keyboard	
Touchscreen *	✗	Pointing device	Touchpad
HD type	2K	Numeric keypad *	✓
Panel type	IPS	Keyboard backlit	✓
Native aspect ratio	16:10	Full-size keyboard	✓
Anti-glare screen	✓	Keyboard colour name	soft grey
Display bezel technology	Micro-Edge	Software	
Display brightness	300 cd/m²	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 diagonal (metric)	40.6 cm		
RGB colour space	sRGB	Trial software	100 GB Dropbox storage for 3 months
Colour gamut	62.5%		
sRGB coverage (typical)	62.5%	Operating system installed *	Windows 11 Home
Processor		Brand-specific features	
Processor manufacturer *	AMD	HP Audio Boost	✓
Processor family *	AMD Ryzen™ 5	HP speaker type	HP Dual Speakers
Processor model *	8540U	HP Imagepad	✓
Processor cores	6	HP front camera	HP TrueVision FHD
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			
Internal memory *	16 GB		
Internal memory type	LPDDR5-SDRAM		
Memory clock speed	6400 MHz	HP Software provided	HP Support Assistant; HP Connection Optimizer; HP AI Companion
Memory form factor	On-board	HP segment	Home
Memory layout (slots x size)	Not available	HP GTIN (EAN/UPC)	199251108945
Maximum internal memory *	16 GB	Battery	
Storage		Battery technology	Lithium Polymer (LiPo)
Total storage capacity *	512 GB	Number of battery cells	3
Storage media *	SSD	Battery capacity *	59 Wh
Total SSDs capacity	512 GB	Battery life (max)	14.75 h
Number of SSDs installed	1	Continuous video playback time (max)	16.75 h
SSD capacity	512 GB	Fast charging	✓
SSD interface	PCI Express 4.0	Fast charging time (50%)	30 min
NVMe	✓	Power	
SSD form factor	M.2	AC adapter power	65 W
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz
Graphics		AC adapter input voltage	100 - 240 V
Discrete graphics card model *	Not available	USB Type-C charging port *	✓
On-board graphics card *	✓	USB Power Delivery (USB PD)	✓
On-board GPU manufacturer	AMD	Security	
Discrete graphics card *	✗	Trusted Platform Module (TPM)	✓
On-board graphics card family	AMD Radeon Graphics	Password protection	✓
On-board graphics card model *	AMD Radeon 740M	Password protection type	BIOS, Power on
AMD FreeSync	✓	Sustainability	
Audio		Sustainability compliance	✓
Audio system	DTS:X Ultra	Sustainability certificates	ENERGY STAR, EPEAT, EPEAT Gold
Built-in speaker(s)	✓	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)
Number of built-in speakers	2		
Built-in microphone	✓		
Number of microphones	2		
Camera		Weight & dimensions	
Front camera	✓	Width	357.7 mm
Front camera resolution	1920 x 1080 pixels	Depth	254.8 mm
Front camera HD type	Full HD	Height (front)	1.79 cm
Network		Height (rear)	1.86 cm
Wi-Fi	✓	Weight *	1.77 kg
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Packaging data	
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Package width	63 mm
Mobile network connection *	✗	Package depth	504 mm
Antenna type	2x2	Package height	305 mm
WLAN controller manufacturer	Realtek	Package weight	2.52 kg
Bluetooth	✓	Carbon footprint	
Bluetooth version	5.3	Total carbon footprint (kg of CO2e)	171.02
Ports & interfaces		Carbon emissions, manufacturing (kg of CO2e)	156.308
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Carbon emissions, logistics (kg of CO2e)	4.617
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1	Carbon emissions, end-of-life (kg of CO2e)	0.526
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2	Total carbon emissions, w/o use phase (kg of CO2e)	9.569
HDMI ports quantity *	1	Packaging content	
HDMI version	2.1	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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