



HP OmniBook 5 16-bc1001na AMD Ryzen™ 7 8840U Laptop 40.6 cm (16") 2K 16 GB LPDDR5-SDRAM 1 TB SSD Wi-Fi 6 (802.11ax) Windows 11 Home AI PC Silver

Brand : HP

Product family: OmniBook 5

Product code: BG3K9EA

Product name : OmniBook 5
16-bc1001na



- AMD Ryzen 7 8840U (up to 5.1 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads)
- Windows 11 Home
- 40.6 cm (16") diagonal 2K display
- AMD Radeon 780M Graphics
- 16 GB LPDDR5-6400 MT/s (onboard), 1 TB PCIe Gen4 NVMe M.2 SSD

OmniBook 5 Laptop 16-bc1001na, Windows 11 Home, 16", AMD Ryzen 7, 16GB RAM, 1TB 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	HDMI ports quantity *	1
Product type *	Laptop	HDMI version	2.1
Product colour *	Silver	Microphone in	✓
Form factor *	Clamshell	Combo headphone/mic port	✓
Market positioning	Everyday	USB Type-C DisplayPort Alternate Mode	✓
Introduction year	2025	USB Sleep-and-Charge	✓
Country of origin	China	USB Sleep-and-Charge ports	2
Original brand name	HP		
Display		Performance	
Display diagonal *	40.6 cm (16")	Motherboard chipset	AMD SoC
Display resolution *	1920 x 1200 pixels		
Touchscreen *	✗	Keyboard	
HD type	2K	Pointing device	Touchpad
Panel type	IPS	Numeric keypad *	✓
Native aspect ratio	16:10	Keyboard backlit	✓
Anti-glare screen	✓	Full-size keyboard	✓
Display bezel technology	Micro-Edge	Keyboard colour name	Soft gray
Display brightness	300 cd/m²		
Display diagonal (metric)	40.6 cm	Software	
RGB colour space	sRGB		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
Colour gamut	62.5%	Pre-installed software	100 GB Dropbox storage for 3 months
sRGB coverage (typical)	62.5%		
Processor		Trial software	Windows 11 Home
Processor manufacturer *	AMD	Operating system installed *	
Processor family *	AMD Ryzen™ 7		
Processor generation	AMD Ryzen 8000 Series	Brand-specific features	
Processor model *	8840U	HP Audio Boost	✓
Processor cores	8	HP speaker type	HP Dual Speakers
Processor threads	16	HP Imagepad	✓
Processor boost frequency	5.1 GHz	HP front camera	HP TrueVision FHD
Processor frequency *	3.3 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		
Neural processor unit (NPU)			
Neural processor unit (NPU)	AMD Ryzen AI		
NPU performance up to	16 TOPs	HP Software provided	HP Support Assistant; HP Connection Optimizer; HP AI Companion
Memory		HP Artificial Intelligence	AI PC
Internal memory *	16 GB	HP segment	Home
Internal memory type	LPDDR5-SDRAM	HP GTIN (EAN/UPC)	199251075773
Memory clock speed	6400 MHz	Battery	
Memory form factor	On-board	Battery technology	Lithium Polymer (LiPo)
Memory layout (slots x size)	Not available	Number of battery cells	3
Maximum internal memory *	16 GB	Battery capacity *	59 Wh
Storage		Battery life (max)	14.75 h
Total storage capacity *	1 TB	Continuous video playback time (max)	16.75 h
Storage media *	SSD	Fast charging	✓
Total SSDs capacity	1 TB	Fast charging time (50%)	30 min
Number of SSDs installed	1	Power	
SSD capacity	1 TB	AC adapter power	65 W
SSD interface	PCI Express 4.0	AC adapter frequency	50 - 60 Hz
NVMe	✓	AC adapter input voltage	100 - 240 V
SSD form factor	M.2	USB Type-C charging port *	✓
Optical drive type *	✗	USB Power Delivery (USB PD)	✓
Card reader integrated	✗	Security	
Graphics		Trusted Platform Module (TPM)	✓
Discrete graphics card model *	Not available	Password protection	✓
On-board graphics card *	✓	Password protection type	BIOS, Power on
On-board GPU manufacturer	AMD	Sustainability	
Discrete graphics card *	✗	Sustainability compliance	✓
On-board graphics card family	AMD Radeon Graphics	Sustainability certificates	ENERGY STAR, EPEAT, EPEAT Gold
On-board graphics card model *	AMD Radeon 780M	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)
AMD FreeSync	✓		
Audio			
Audio system	DTS:X Ultra		
Built-in speaker(s)	✓	Weight & dimensions	
Number of built-in speakers	2	Width	357.7 mm
Built-in microphone	✓	Depth	254.8 mm
Number of microphones	2	Height (front)	1.79 cm
Camera		Height (rear)	1.86 cm
Front camera	✓	Weight *	1.77 kg
Front camera resolution	1920 x 1080 pixels	Packaging data	
Front camera HD type	Full HD	Package width	63 mm
Network		Package depth	504 mm
Wi-Fi	✓	Package height	305 mm
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Package weight	2.52 kg
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Carbon footprint	
Mobile network connection *	✗	Total carbon footprint (kg of CO2e)	226.138
Antenna type	2x2	Carbon emissions, manufacturing (kg of CO2e)	211.426
WLAN controller manufacturer	Realtek	Carbon emissions, logistics (kg of CO2e)	4.617
Ethernet LAN	✗	Carbon emissions, end-of-life (kg of CO2e)	0.526
Bluetooth	✓	Total carbon emissions, w/o use phase (kg of CO2e)	9.569
Bluetooth version	5.3	Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1		

Ports & interfaces		Packaging content	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1	AC adapter included *	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2	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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