



HP OmniBook X Flip Next Gen AI 16-ar0009na Copilot+ PC AMD Ryzen™ AI 5 340 Hybrid (2-in-1) 40.6 cm (16") Touchscreen 2K 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Silver

Brand : HP

Product family: OmniBook X Flip

Product code: BQ7V8EA

Product name : OmniBook X Flip Next Gen AI 16-ar0009na

- AMD Ryzen AI 5 340 (up to 4.8 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads)
- Windows 11 Home
- 40.6 cm (16") diagonal 2K touch display
- AMD Radeon 840M Graphics
- 16 GB LPDDR5x-7500 MT/s (onboard), 1 TB PCIe Gen4 NVMe M.2 SSD

OmniBook X Flip 2-in-1 Laptop Next Gen AI 16-ar0009na, Windows 11 Home, 16", Touch screen, AMD Ryzen AI 5, 16GB RAM, 1TB SSD, 2K, Meteor silver

HP OmniBook X Flip Next Gen AI 16-ar0009na Copilot+ PC AMD Ryzen™ AI 5 340 Hybrid (2-in-1) 40.6 cm (16") Touchscreen 2K 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Silver:

Vibrant, flexible PC offering the best seat in the house

Whether you're creating or being entertained, the versatile HP OmniBook X Flip 16 Next Gen AI PC, with a vibrant 16" edge-to-edge touch display^[4] that can be used flipped, folded, or flat ensures that it's also the most comfortable and productive. Designed in style with recycled metal^[1] and a modern backlit keyboard with large keycaps.



Design		Ports & interfaces	
Colour name	Meteor silver	Microphone in	✓
Product type *	Hybrid (2-in-1)	Combo headphone/mic port	✓
Product colour *	Silver	USB Type-C DisplayPort Alternate Mode	✓
Form factor *	Convertible (Folder)	USB Sleep-and-Charge	✓
Market positioning	Premium	USB Sleep-and-Charge ports	2
Introduction year	2025	Performance	
Country of origin	China	Motherboard chipset	AMD SoC
Original brand name	HP	Accelerometer	✓
Display		Gyroscope	✓
Display diagonal *	40.6 cm (16")	Temperature sensor	✓
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	✓
Display glass type	Edge to Edge Glass	Keyboard colour name	Soft gray
Display bezel technology	Micro-Edge	Software	
Display brightness	400 cd/m ²	Pre-installed software	Copilot in Windows with Copilot key; Poly Camera Pro, 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	Trial software	100 GB Dropbox storage for 3 months
RGB colour space	sRGB	Operating system installed *	Windows 11 Home
Colour gamut	62.5%	Brand-specific features	
sRGB coverage (typical)	62.5%	HP Audio Boost	✓
Processor			
Processor manufacturer *	AMD		
Processor family *	AMD Ryzen™ AI 5		
Processor generation	AMD Ryzen AI 300 Series		
Processor model *	340		
Processor cores	6		
Processor threads	12		
Processor boost frequency	4.8 GHz		

Processor		Brand-specific features	
Processor frequency *	2 GHz	HP speaker type	HP Dual Speakers
Processor cache	16 MB	HP Connection Optimizer	✓
Processor cache type	L3	HP Support Assistant	✓
Neural processor unit (NPU)		HP Imagepad	✓
Copilot+ PC	✓	HP front camera	HP Webcam 5MP
Neural processor unit (NPU)	AMD Ryzen AI	HP Security tools	Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support
NPU performance up to	50 TOPs		HP Support Assistant; HP Connection Optimizer; HP Enhanced Lighting; HP AI Companion
Memory		HP Software provided	
Internal memory *	16 GB	HP segment	Home
Internal memory type	LPDDR5x-SDRAM	HP GTIN (EAN/UPC)	199251461514
Memory clock speed	7500 MHz	Battery	
Memory form factor	On-board	Battery technology	Lithium Polymer (LiPo)
Memory layout (slots x size)	Not available	Number of battery cells	4
Maximum internal memory *	16 GB	Battery capacity *	68 Wh
Memory data transfer rate	7500 MT/s	Battery life (max)	15.75 h
Storage		Continuous video playback time (max)	21 h
Total storage capacity *	1 TB	Fast charging	✓
Storage media *	SSD	Fast charging time (50%)	45 min
Total SSDs capacity	1 TB	Power	
Number of SSDs installed	1	AC adapter power	65 W
SSD capacity	1 TB	AC adapter frequency	50 - 60 Hz
SSD interface	PCI Express 4.0	AC adapter input voltage	100 - 240 V
NVMe	✓	USB Type-C charging port *	✓
SSD form factor	M.2	USB Power Delivery (USB PD)	✓
Optical drive type *	✗	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 840M	Sustainable technologies and materials	Ocean-bound plastic in speaker enclosure(s) and bezel; Recycled metal in cover, keyboard frame, base and hinge cap(s); Keyboard keycaps and scissors contain post-consumer recycled plastic
AMD FreeSync	✓		
Audio		Weight & dimensions	
Audio system	DTS:X Ultra	Width	356 mm
Built-in speaker(s)	✓	Depth	245.5 mm
Number of built-in speakers	2	Height	15.3 mm
Built-in microphone	✓	Weight *	1.89 kg
Number of microphones	2	Packaging data	
Camera		Package width	80 mm
Front camera	✓	Package depth	423 mm
Front camera resolution (numeric)	5 MP	Package height	303 mm
Infrared (IR) camera	✓	Package weight	3.23 kg
Network		Carbon footprint	
Wi-Fi	✓	Total carbon footprint (kg of CO2e)	232.071
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Carbon emissions, manufacturing (kg of CO2e)	212.161
Wi-Fi standards	Wi-Fi 7 (802.11be)	Carbon emissions, logistics (kg of CO2e)	5.535
Mobile network connection *	✗	Carbon emissions, end-of-life (kg of CO2e)	0.615
Antenna type	2x2		
WLAN controller model	MediaTek MT7925		
WLAN controller manufacturer	MediaTek		
Bluetooth	✓		
Bluetooth version	5.4		

Ports & interfaces		Carbon footprint	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2	Total carbon emissions, w/o use phase (kg of CO2e)	13.76
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	Packaging content	
USB4 Gen 3x2 ports quantity	1	AC adapter included *	✓
HDMI ports quantity *	1	Keyboard included	✓
HDMI version	2.1	Logistics data	
		Harmonized System (HS) code	8471300000
		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	Sandblasted anodized 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.



0199251461514



199251461514

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. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.