



HP OmniBook X Flip 16-ar0004na Copilot+ PC AMD Ryzen™ AI 5 340 Hybrid (2-in-1) 40.6 cm (16") Touchscreen 2K 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Home Silver

Brand : HP

Product family: OmniBook X Flip

Product code: BG3G2EA

Product name : OmniBook X Flip 16-ar0004na

- 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), 512 GB PCIe Gen4 NVMe M.2 SSD
- OmniBook X Flip 2-in-1 Laptop Next Gen AI 16-ar0004na, Windows 11 Home, 16", Touch screen, AMD Ryzen AI 5, 16GB RAM, 512GB SSD, 2K, Meteor silver

HP OmniBook X Flip 16-ar0004na Copilot+ PC AMD Ryzen™ AI 5 340 Hybrid (2-in-1) 40.6 cm (16") Touchscreen 2K 16 GB LPDDR5x-SDRAM 512 GB 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	HDMI ports quantity *	1
Product type *	Hybrid (2-in-1)	HDMI version	2.1
Product colour *	Silver	Microphone in	✓
Form factor *	Convertible (Folder)	Combo headphone/mic port	✓
Market positioning	Premium	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	Accelerometer	✓
Touchscreen *	✓	Gyroscope	✓
HD type	2K	Temperature sensor	✓
Panel type	IPS		
Native aspect ratio	16:10		
Display glass type	Edge to Edge Glass		
Display bezel technology	Micro-Edge		
Display brightness	400 cd/m²		
Pixel density	40.6 ppi		
Display diagonal (metric)	40.6 cm		
RGB colour space	sRGB		
Colour gamut	62.5%		
sRGB coverage (typical)	62.5%		
Processor		Keyboard	
Processor manufacturer *	AMD	Pointing device	Touchpad
Processor family *	AMD Ryzen™ AI 5	Numeric keypad *	✗
Processor generation	AMD Ryzen AI 300 Series	Keyboard backlit	✓
Processor model *	340	Full-size keyboard	✓
Processor cores	6	Keyboard colour name	Soft gray
Processor threads	12		
Processor boost frequency	4.8 GHz		
		Software	
		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
		Trial software	100 GB Dropbox storage for 3 months
		Operating system installed *	Windows 11 Home

Processor		Brand-specific features	
Processor frequency *	2 GHz	HP Audio Boost	✔
Processor cache	16 MB	HP speaker type	HP Dual Speakers
Processor cache type	L3	HP Imagepad	✔
Neural processor unit (NPU)		HP front camera	HP Webcam 5MP
Copilot+ PC	✔	HP Security tools	Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support
Neural processor unit (NPU)	AMD Ryzen AI	HP Software provided	HP Support Assistant; HP Connection Optimizer; HP Enhanced Lighting; HP AI Companion
NPU performance up to	50 TOPs	HP segment	Home
Memory		HP GTIN (EAN/UPC)	199251075193
Internal memory *	16 GB	Battery	
Internal memory type	LPDDR5x-SDRAM	Battery technology	Lithium Polymer (LiPo)
Memory clock speed	7500 MHz	Number of battery cells	4
Memory form factor	On-board	Battery capacity *	68 Wh
Memory layout (slots x size)	Not available	Battery life (max)	15.75 h
Maximum internal memory *	16 GB	Continuous video playback time (max)	21 h
Storage		Fast charging	✔
Total storage capacity *	512 GB	Fast charging time (50%)	45 min
Storage media *	SSD	Power	
Total SSDs capacity	512 GB	AC adapter power	65 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	512 GB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	USB Type-C charging port *	✔
NVMe	✔	USB Power Delivery (USB PD)	✔
SSD form factor	M.2	Security	
Optical drive type *	✘	Trusted Platform Module (TPM)	✔
Graphics		Password protection	✔
Discrete graphics card model *	Not available	Password protection type	BIOS, Power on
On-board graphics card *	✔	Sustainability	
On-board GPU manufacturer	AMD	Sustainability compliance	✔
Discrete graphics card *	✘	Sustainability certificates	ENERGY STAR, EPEAT, EPEAT Gold
On-board graphics card family	AMD Radeon Graphics	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
On-board graphics card model *	AMD Radeon 840M		
AMD FreeSync	✔	Weight & dimensions	
Audio		Width	356 mm
Audio system	DTS:X Ultra	Depth	245.5 mm
Built-in speaker(s)	✔	Height	15.3 mm
Number of built-in speakers	2	Weight *	1.89 kg
Built-in microphone	✔	Packaging data	
Number of microphones	2	Package width	80 mm
Camera		Package depth	423 mm
Front camera	✔	Package height	303 mm
Front camera resolution (numeric)	5 MP	Package weight	3.23 kg
Infrared (IR) camera	✔	Carbon footprint	
Network		Total carbon footprint (kg of CO2e)	176.953
Wi-Fi	✔	Carbon emissions, manufacturing (kg of CO2e)	157.043
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Carbon emissions, logistics (kg of CO2e)	5.535
Wi-Fi standards	Wi-Fi 7 (802.11be)	Carbon emissions, end-of-life (kg of CO2e)	0.615
Mobile network connection *	✘	Ports & interfaces	
Antenna type	2x2	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
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-C ports quantity	1	Total carbon emissions, w/o use phase (kg of CO2e)	13.76
USB4 Gen 3x2 ports quantity	1	Packaging content	
		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	
Supplied AC adapter type		Sandblasted anodized finish	
		1 year (1/1/0) limited warranty includes 1 year of parts and labor.	
Manufacturer warranty		No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.	



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