



HP OmniBook X FlipNGAI 14-fm0001na Copilot+ PC Intel Core Ultra 7 256V Hybrid (2-in-1) 35.6 cm (14") Touchscreen 3K 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Silver

Brand : HP

Product family: OmniBook X
FlipNGAI

Product code: BG3E7EA



Product name : OmniBook X
FlipNGAI 14-fm0001na

- Intel Core™ Ultra 7 256V (up to 4.8 GHz with Intel Turbo Boost Technology, 12 MB L3 cache, 8 cores, 8 threads)
 - Windows 11 Home
 - 35.6 cm (14") diagonal 3K OLED touch display
 - Intel Arc™ 140V GPU (8GB)
 - 16 GB LPDDR5x-8533 MT/s (onboard), 1 TB PCIe Gen4 NVMe™ M.2 SSD
- OmniBook X Flip 2-in-1 Laptop Next Gen AI 14-fm0001na, Windows 11 Home, 14", Touch screen, Intel Core™ Ultra 7, 16GB RAM, 1TB SSD, 3K, Meteor silver



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Create anywhere, in any angle, with an HP Next Gen AI PC

The thin and light HP OmniBook X Flip 14 Next Gen AI PC enables creatives to work and play from any angle with multiple modes, and features a high-resolution edge-to-edge display for crisp, clear images, an AI-powered processor, and an all-day, fast-charging battery for the speed, performance, and endurance to create wherever you are.

Design		Network	
Colour name	Meteor silver	Antenna type	2x2
Product type *	Hybrid (2-in-1)	WLAN controller model	Intel Wi-Fi 7 BE201
Product colour *	Silver	WLAN controller manufacturer	Intel
Form factor *	Convertible (Folder)	Bluetooth	✓
Market positioning	Premium	Bluetooth version	5.4
Country of origin	China	Ports & interfaces	
Original brand name	HP	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Display		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display diagonal *	35.6 cm (14")	USB4 Gen 3x2 ports quantity	1
Display resolution *	2880 x 1800 pixels	HDMI ports quantity *	1
Touchscreen *	✓	HDMI version	2.1
HD type	3K	Thunderbolt 4 ports quantity	1
Panel type	OLED	Intel® Thunderbolt 4	✓
Display technology marketing name	UWVA	Microphone in	✓
Display number of colours	1.07 billion colours	Combo headphone/mic port	✓
LED backlight	✓	USB Type-C DisplayPort Alternate Mode	✓
Native aspect ratio	16:10	USB Sleep-and-Charge	✓
Display glass type	Gorilla Glass	USB Sleep-and-Charge ports	2
Display bezel technology	Micro-Edge	Performance	
Display brightness	400 cd/m²	Motherboard chipset	Intel SoC
Display diagonal (metric)	35.6 cm	Accelerometer	✓
RGB colour space	DCI-P3	Gyroscope	✓
Colour gamut	100%	Temperature sensor	✓
Display response rise/fall	0.2 ms	Keyboard	
Maximum refresh rate	120 Hz	Pointing device	Touchpad
High Dynamic Range (HDR) supported	✓		
High Dynamic Range (HDR) technology	High Dynamic Range (HDR) 500, High Dynamic Range (HDR) 1500		
DCI-P3 coverage	100%		

Processor		Keyboard	
Processor manufacturer *	Intel	Numeric keypad *	✗
Processor family *	Intel Core Ultra 7	Keyboard backlit	✓
Processor generation	Intel Core Ultra (Series 2)	Full-size keyboard	✓
Processor model *	256V	Keyboard colour name	Soft gray
Processor cores	8	Software	
Processor threads	8	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
Processor boost frequency	4.8 GHz		
Performance cores	4		
Low Power Efficient-cores	4		
Performance-core Max Turbo Frequency	4.8 GHz	Trial software	100 GB Dropbox storage for 3 months
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	Operating system installed *	Windows 11 Home
Performance-core base frequency	2.2 GHz	Processor special features	
Low Power Efficient-core Base Frequency	2200 MHz	Intel® Turbo Boost Technology	✓
Processor cache	12 MB	Brand-specific features	
Processor cache type	L3	HP Audio Boost	✓
Processor base power	17 W	HP speaker type	HP Dual Speakers
Maximum turbo power	37 W	HP Imagepad	✓
Neural processor unit (NPU)		HP Security tools	Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support
Copilot+ PC	✓	HP Software provided	HP Support Assistant; HP Connection Optimizer; HP Enhanced Lighting; HP AI Companion
Neural processor unit (NPU)	Intel AI Boost	HP segment	Home
Sparsity support	✓	HP GTIN (EAN/UPC)	199251075032
Windows Studio effects support	✓	Battery	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Battery technology	Lithium Polymer (LiPo)
Total processor performance up to	115 TOPs	Number of battery cells	3
NPU performance up to	47 TOPs	Battery capacity *	59 Wh
GPU performance up to	64 TOPs	Battery life (max)	14.75 h
Memory		Continuous video playback time (max)	17.75 h
Internal memory *	16 GB	Fast charging	✓
Internal memory type	LPDDR5x-SDRAM	Fast charging time (50%)	30 min
Memory clock speed	8533 MHz	Power	
Memory form factor	On-board	AC adapter power	65 W
Memory layout (slots x size)	Not available	AC adapter frequency	50 - 60 Hz
Maximum internal memory *	16 GB	AC adapter input voltage	100 - 240 V
Storage		USB Type-C charging port *	✓
Total storage capacity *	1 TB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	Security	
Total SSDs capacity	1 TB	Trusted Platform Module (TPM)	✓
Number of SSDs installed	1	Password protection	✓
SSD capacity	1 TB	Password protection type	BIOS, Power on
SSD interface	PCI Express 4.0	Sustainability	
NVMe	✓	Sustainability compliance	✓
SSD form factor	M.2	Sustainability certificates	ENERGY STAR, EPEAT, EPEAT Gold
Optical drive type *	✗	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
Graphics		Weight & dimensions	
Discrete graphics card model *	Not available	Width	313 mm
On-board graphics card *	✓	Depth	218.5 mm
On-board GPU manufacturer	Intel		
Discrete graphics card *	✗		
On-board graphics card family	Intel Arc Graphics		
On-board graphics card model *	Intel Arc Graphics 140V		
Audio			
Audio system	DTS:X Ultra		
Built-in speaker(s)	✓		
Number of built-in speakers	2		

Audio		Weight & dimensions	
Built-in microphone	✓	Height	14.6 mm
Number of microphones	2	Weight *	1.38 kg
Camera		Packaging data	
Front camera	✓	Package width	80 mm
Front camera resolution (numeric)	5 MP	Package depth	380 mm
Infrared (IR) camera	✓	Package height	280 mm
		Package weight	2.44 kg
Network		Carbon footprint	
Wi-Fi	✓	Total carbon footprint (kg of CO2e)	150
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Carbon emissions, manufacturing (kg of CO2e)	131
Wi-Fi standards	Wi-Fi 7 (802.11be)	Carbon emissions, logistics (kg of CO2e)	4
Mobile network connection *	✗	Carbon emissions, end-of-life (kg of CO2e)	0.6
		Total carbon emissions, w/o use phase (kg of CO2e)	10
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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