



HP OmniBook Ultra Flip 14-fh0004na Copilot+ PC Intel Core Ultra 7 258V Laptop 35.6 cm (14") Touchscreen 3K 32 GB LPDDR5x-SDRAM 2 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Black, Grey

Brand : HP

Product family: OmniBook
Ultra Flip

Product code: B11MHEA



Product name : OmniBook
Ultra Flip 14-fh0004na

- Intel Core™ Ultra 7 258V (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™ Graphics
 - 32 GB LPDDR5x-8533 MT/s (onboard), 2 TB PCIe Gen4 NVMe™ Performance M.2 SSD
- OmniBook Ultra Flip Laptop 14-fh0004na, Windows 11 Home, 14", Touch screen, Intel Core™ Ultra 7, 32GB RAM, 2TB SSD, 3K, Eclipse gray



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HP OmniBook Ultra Flip Next Gen AI PC: AI-powered creativity

Enjoy power, mobility, and style with the HP OmniBook Ultra Flip Next Gen AI PC. Bring your creations to life with the latest AI accelerating Intel Core™ Ultra Processor^[1]. Do more in less time with private and secure AI tools and extended battery life^[2], all while safeguarding your PC with HP Wolf Security features for consumers.

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

Processor		Keyboard	
Processor manufacturer *	Intel	Full-size keyboard	✓
Processor family *	Intel Core Ultra 7	Keyboard colour name	Darker eclipse gray
Processor generation	Intel Core Ultra (Series 2)	Software	
Processor model *	258V	Pre-installed software	Windows Studio Effects; Otter.ai; Copilot in Windows with Copilot key, 1 month trial for new Microsoft 365 customers, McAfee Online Protection 30-day trial; PC Game Pass 3-month trial
Processor cores	8		100 GB Dropbox storage for 3 months
Processor threads	8		Operating system installed *
Processor boost frequency	4.8 GHz	Processor special features	
Performance cores	4	Brand-specific features	
Low Power Efficient-cores	4	HP Audio Boost	✓
Performance-core Max Turbo Frequency	4.8 GHz	HP speaker type	HP Quad Speakers
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	HP Security tools	Mic mute key; Camera privacy shutter
Performance-core base frequency	2.2 GHz	HP Software provided	myHP; HP AI Companion
Low Power Efficient-core Base Frequency	2200 MHz	HP segment	Home
Processor cache	12 MB	HP GTIN (EAN/UPC)	198828201430
Processor cache type	L3	Battery	
Processor base power	17 W	Battery technology	Lithium Polymer (LiPo)
Maximum turbo power	37 W	Number of battery cells	6
Neural processor unit (NPU)		Battery capacity *	64 Wh
Copilot+ PC	✓	Battery life (max)	16.25 h
Neural processor unit (NPU)	Intel AI Boost	Continuous video playback time (max)	20.5 h
Sparsity support	✓	Fast charging	✓
Windows Studio effects support	✓	Fast charging time (50%)	45 min
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Power	
Total processor performance up to	115 TOPs	AC adapter power	65 W
NPU performance up to	47 TOPs	AC adapter frequency	50 - 60 Hz
GPU performance up to	64 TOPs	AC adapter input voltage	100 - 240 V
Memory		USB Type-C charging port *	✓
Internal memory *	32 GB	USB Power Delivery (USB PD)	✓
Internal memory type	LPDDR5x-SDRAM	Security	
Memory clock speed	8533 MHz	Fingerprint reader	✓
Memory form factor	On-board	Password protection	✓
Memory layout (slots x size)	Not available	Password protection type	BIOS, Power on
Maximum internal memory *	32 GB	Sustainability	
Storage		Sustainability compliance	✓
Total storage capacity *	2 TB	Sustainability certificates	ENERGY STAR, EPEAT, EPEAT Gold
Storage media *	SSD	Sustainable technologies and materials	ENERGY STAR, EPEAT, EPEAT Gold 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
Total SSDs capacity	2 TB	Weight & dimensions	
Number of SSDs installed	1	Width	313.7 mm
SSD capacity	2 TB	Depth	216.2 mm
SSD interface	PCI Express 4.0	Height	14.9 mm
NVMe	✓	Weight *	1.34 kg
SSD form factor	M.2	Packaging data	
Optical drive type *	✗	Package width	80 mm
Graphics		Package depth	380 mm
Discrete graphics card model *	Not available		
On-board graphics card *	✓		
On-board GPU manufacturer	Intel		
Discrete graphics card *	✗		
On-board graphics card family	Intel Arc Graphics		
On-board graphics card model *	Intel Arc Graphics		
Audio			
Audio system	DTS:X Ultra		
Built-in speaker(s)	✓		
Number of built-in speakers	4		

Audio		Packaging data	
Built-in microphone	✓	Package height	280 mm
Number of microphones	2	Package weight	2.5 kg
Camera		Carbon footprint	
Front camera	✓	Total carbon footprint (kg of CO2e)	150
Front camera resolution (numeric)	9 MP	Carbon emissions, manufacturing (kg of CO2e)	134
Infrared (IR) camera	✓	Carbon emissions, logistics (kg of CO2e)	6
Network		Carbon emissions, end-of-life (kg of CO2e)	0.7
Wi-Fi	✓	Total carbon emissions, w/o use phase (kg of CO2e)	12
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Packaging content	
Wi-Fi standards	Wi-Fi 7 (802.11be)	AC adapter included *	✓
		Keyboard included	✓
		Stylus pen	✓
		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.



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