HP OmniBook X Flip 16 inch 2-in-1 Laptop Next Gen AI PC 16-cb0000 (D0QL6AV) ()

Overview

Your flexible companion with four versatile modes

HP OmniBook X Flip 16” Next Gen AI PC is more than a laptop - it’s your all-day companion powered by AI-driven performance. Seamlessly transition between four flexible modes and enjoy stunning visuals on the expansive 16-inch brilliant display[1], with crystal-clear audio and video[2], so you always look and sound your best.

Powered for performance, engineered for endurance

Accelerate workflows with Intel® Core™ Ultra processor[3] and count on MIL-STD[4] tested durability.

Connect anywhere. Collaborate everywhere.

Enjoy rich sound, sharp video calls, and seamless USB-C®[6] and Wi-Fi® 7[5] connectivity with this HP laptop.

Flip it. Switch it. Love it.

Switch freely between 4 modes. Enjoy the expansive 16-inch display[1] and a premium design for work and play.

Designed with purpose

HP OmniBook X PCs contain up to 85% post-consumer recycled plastic in the keycaps[7].

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[1] Display measured diagonally.

[2] Camera resolution refers to the image sensor active pixels. The actual image capture pixels and aspect ratio depend on the app selected.

[3] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel’s numbering, branding and/or naming is not a measurement of higher performance. Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See http://www.intel.com/technology/turboboost/ for more information. Features and software that require a NPU may require software purchase, subscription or enablement by a software or platform provider, and third-party software may have specific configuration or compatibility requirements. Potential NPU inferencing performance varies by use, configuration, software and other factors.

[4] Testing is not intended to demonstrate fitness of U.S. Department of Defense (DoD) contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

[5] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires compatible Windows 11 OS, compatible processor, and separately purchased Wi-Fi 7 router to support backwards compatibility with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices.

[6] HP Sleep and Charge requires USB Type-A/Type-C charging protocol standard cable or dongle with external device for full functionality.

[7] Keyboard components contain post-consumer recycled materials. Percentage of post consumer recycled contained in each component varies by product.

Specifications

Chipset	Intel® integrated SoC
Audio Features	DTS:X Ultra™; Dual speakers; HP Audio Boost; Poly Studio
Product Dimensions W x D x H (metric)	35.6 x 24.55 x 1.52 cm
Product Dimensions W x D x H (imperial)	14.02 x 9.67 x 0.6 in
Weight (metric)	1.85 kg
Weight (imperial)	4.08 lb
Sensors	Accelerometer; Gyroscope; IR thermal sensor
External I/O Ports	2 USB Type-A 10Gbps signaling rate; 1 HDMI 2.1; 1 headphone/microphone combo; 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery 3.1, DisplayPort™ 2.1, HP Sleep and Charge)[19]
Package Dimensions W x D x H (metric)	6.3 x 50.9 x 30.2 cm
Package Weight (metric)	2.8 kg
Battery Recharge Time	Supports battery fast charge: approximately 50% in 45 minutes[5]
Energy Star Certified	ENERGY STAR® certified
Sustainability Specifications	Ocean-bound plastic in speaker enclosure(s) and bezel; Recycled metal in cover, keyboard frame, base and hinge cap(s); Keyboard keycaps, scissors and keyboard plate contain post-consumer recycled plastic
Security Management	Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support

Additional specifications

ALC Package depth, metric	50.9
ALC Package height, metric	30.2
ALC Package width, metric	6.3
Aspect Ratio	16:10
Certifications and Compliances	Military Standard Testing
Ecolabels	EPEAT® Gold with Climate+
HDMI out – version	2.1
HDMI –out	1
Headphone/microphone combo	1
Package Dimensions W x D x H (imperial)	2.48 x 20.03 x 11.88 in
Package Weight (imperial)	6.18 lb
Package depth, imperial (ALC)	20.03
Package height, imperial (ALC)	11.88
Package width, imperial (ALC)	2.48
Packaging unit of measure (imperial)	in
Packaging unit of measure (metric)	cm
Playbook TS Icon Battery Life	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905264.png
Playbook TS Icon Connectivity	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png
Playbook TS Icon Dimensions NB	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08250394.png
Playbook TS Icon Display NB	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08205649.png
Playbook TS Icon Graphics	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png
Playbook TS Icon Memory	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png
Playbook TS Icon OS	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png
Playbook TS Icon Processor	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png
Playbook TS Icon Storage	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png
Playbook TS Icon Weight Imperial	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png
Playbook TS Icon Weight Metric	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png
Playbook TS icon 8	https://hp.widen.net/content/k9y22gng6s/png/Sustainability_Icon.png?w=400&h=400&position=c&color=ffffff00&quality=80&u=8cmmty
Product Brand Name	HP
Screen-To-Body Ratio (without speakers)	91%[18]

Software Included 1	Copilot in Windows with Copilot key
Stylus Protocol Support	Supports Microsoft Pen Protocol 2.0 (MPP 2.0) pens
Thunderbolt™ 4 ports	2
USB Type-A	2

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[5] Recharges your battery up to 50% within 45 minutes when the system is off using "shut down" command, using HP adapter provided with the notebook or recommended power adapter disclosed in specifications (see http://store.hp.com). After charging has reached 50% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP products.

[18] Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk. Calculated to the nearest whole percent may vary +/-0.5%.

[19] For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.

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