

HP OmniBook X Flip 2-in-1 Laptop Next Gen AI 14-kb0000nb (D44QHEA)



Your flexible companion with four versatile modes

HP OmniBook X Flip 14" 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, with stunning visuals on a brilliant display^[1] and crystal-clear audio and video, so you always look and sound your best.



Powered for performance, engineered for endurance

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

Flip it, switch it, love it

Switch freely between 4 modes, with a vibrant display^[1] and premium design that adapts to both work and play.

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.

Featuring

Windows is fast, powerful, and secure

Windows 11 is fast, powerful, and secure, giving you a dependable foundation to work, create, and stay protected every day. ^[7]

Intel® Core™ Ultra 9 Series 3 processor

No tradeoffs. Intel® Core™ Ultra Series 3 processors deliver what matters: incredible battery life, powerful performance, and built-in graphics and AI to revolutionize how you create, game, and work anywhere. Feel the power of Intel Inside[®]. ^[8]

Intel® Graphics

Stream your favorite shows, hop on video calls, and scroll through photo edits. All with smooth, responsive visuals. Built-in Intel® Graphics handle everyday entertainment and multitasking with ease, no extra GPU, no extra bulk. ^[9]

OLED display

With display technology that lights each pixel separately, you'll get deeper blacks for richer contrast, enhanced color depth, and more power efficiency than traditional LED screens.

HP Eye Ease

Enjoy every detail without the strain. HP Eye Ease reduces blue light to keep your eyes comfortable while preserving vibrant and accurate colors. ^[10]



Specifications

Operating system	Windows 11 Home
Product color	Meteor silver aluminum
Product design	Sandblasted anodized finish
Processor family	Intel® Core™ Ultra 9 processor
Processor	Intel® Core™ Ultra 9 386H (up to 4.9 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 16 cores, 16 threads) [6,7]
Chipset	Intel® integrated SoC
Memory	32 GB LPDDR5x-8533 MT/s (onboard)
Internal Storage	1 TB PCIe® Gen4 NVMe™ M.2 SSD
Graphics	Integrated
Graphics (integrated)	Intel® Graphics
Display	35.6 cm (14") diagonal, 2K (1920 x 1200), OLED, multitouch-enabled, 0.2 ms response time, UWVA, edge-to-edge glass, micro-edge, Corning® Gorilla® Glass 3, Low Blue Light, 300 nits, 95% DCI-P3
Display	14" diagonal, 2K (1920 x 1200), OLED, multitouch-enabled, 0.2 ms response time, UWVA, edge-to-edge glass, micro-edge, Corning® Gorilla® Glass 3, Low Blue Light, 300 nits, 95% DCI-P3 ^[17,21]
Screen-to-body ratio (without speakers)	90% ^[18]
Audio	DTS:X Ultra™; Dual speakers; HP Audio Boost; Poly Studio
Dimensions (W x D x H)	31.3 x 21.85 x 1.44 cm
Weight	1.4 kg
Package dimensions (W x D x H)	6.3 x 47.3 x 27.1 cm
Package weight	2.34 kg
Keyboard	Full-size, backlit, darker meteor silver opaque keyboard
Pointing device	HP Imagepad
Input devices	Accelerometer; Gyroscope; IR thermal sensor
Camera	5MP IR camera with HDR auto switch, temporal noise reduction and integrated dual array digital microphones
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]
Wireless	Intel® Wi-Fi 7 BE211 (2x2) and Bluetooth® 6.0 wireless card ^[12,46]
Power supply type	65 W USB Type-C® GaN power adapter
Battery type	3-cell, 59 Wh Li-ion polymer (^[23])
Battery life	Up to 20 hours ^[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 45 minutes ^[5]
Battery life video playback	Up to 32 hours and 30 minutes
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
Software included	McAfee Online Protection 30-day trial; 1-month Adobe free trial offer; PC Game Pass 3-month trial
Software - Productivity & finance	1 month trial for new Microsoft 365 customers ^[24]
HP apps	HP Support Assistant; HP Connection Optimizer; OMEN Gaming Hub
Cloud service	100 GB Dropbox storage for 3 months ^[1]
UPC number	199896671262
Manufacturer Warranty	2 year (2/2/0) limited warranty includes 2 years of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

Messaging Footnotes

[1] Display measured diagonally.

[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] Battery life varies significantly by device and with settings, usage and other factors. See aka.ms/w11claims. Based on speedometer benchmark. Performance will vary significantly by device. See aka.ms/w11claims

[8] 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 is not a measurement of higher performance.

[9] For more complete information on configurations and workloads, visit www.Intel.com/PerformanceIndex.

[10] HP Eye Ease hardware that does not impact color accuracy used with Eyesafe. Eyesafe® certified website: <https://eyesafe.com>.

Technical Specifications Footnotes

[1] 100 GB of free Dropbox storage for 3 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at <https://www.dropbox.com/help/space/hp-promotion>. Internet service required and not included.

[3] MobileMark 25 Battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See <https://bapco.com/products/mobilemark-25/> for additional details.

[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.

[6] 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.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

[12] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires Windows 11 2024, select Intel® Core™ or Intel® Core™ Ultra processor, and a Wi-Fi 7 router, sold separately. Wi-Fi 7 is backwards compatible 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.

[17] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

[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.

[21] TUV Low Blue Light is the Display Compliance Test Specification quality. See <https://www.certipedia.com/?locale=en#search> for more details.

[24] Must activate within 180 days of Windows activation.

[46] Bluetooth® 6.0 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 6.0 will function as Bluetooth® 5.4 or lower.

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