

HP OmniBook X Flip 16 inch 2-in-1 Laptop Next Gen AI PC 16-cc0023dx



Copilot+ PC



Flip your day, your way

More than just a laptop – it's your all-day, anywhere companion with 4 flexible modes. Power and performance for AI acceleration, it keeps pace with your most creative ideas and demanding workloads. With fast charging and a design that's both sleek and durable, the OmniBook X Flip moves as effortlessly—and stylishly—as you do.

Product overview

- **Powered for performance, engineered for endurance:** Featuring an AMD Ryzen™ processor with up to 50 TOPS of AI acceleration and AMD Radeon™ graphics, you get the speed and power to handle demanding apps without slowdowns. Proven tough through rigorous MIL-STD tests,⁽⁶⁹⁾ it's crafted with a dual-anodized finish that stays strong and stylish through every project and challenge. Designed to keep up with you, it makes even your busiest days feel easier.
- **Flip it, switch it, love it:** Elevate every experience with four distinct modes: laptop, tablet, tent, and reverse. Its expansive 16-inch display⁽²⁴⁾ gives you more room to create and unwind, making everything from edits to entertainment look brilliant, while the premium finish ensures it looks sharp no matter how you use it. Its flexibility feels as good as it looks.
- **Connect anywhere, collaborate everywhere:** Effortlessly sync with work, friends, and everything in between. Poly Studio audio immerses you in rich sound, while the SMP camera ensures your video calls look sharp and professional—so every connection feels more engaging. With dual-sided USB-C® ports and Wi-Fi 7, setup is simple and streaming stays seamless. Fast charging with a GaN Mini Wall Charger powers you up quickly, so you can stay focused on what matters most.
- **Built for a better tomorrow:** Thoughtfully designed using recycled metals and post-consumer recycled plastics. EPEAT® Gold with Climate+ and ENERGY STAR® certifications reflect our commitment to reducing environmental impact while achieving exceptional energy efficiency.⁽²⁷⁾⁽⁶²⁾

Key specifications

- **Operating system:** Windows 11 Home⁽¹⁾
- **Processor:** AMD Ryzen™ AI 7 445⁽²⁾⁽⁴⁾
- **NPUs:** AMD Ryzen™ AI (50 NPU TOPS)⁽⁶⁵⁾
- **Display:** 16-inch diagonal, 2K (1920 x 1200), OLED, multitouch-enabled, 0.2 ms response time, UWVA, edge-to-edge glass, micro-edge, Low Blue Light
- **Memory:** 16 GB LPDDR5x-8000 MT/s (onboard)
- **Internal storage:** 1 TB PCIe® Gen4 NVMe™ M.2 SSD⁽¹⁵⁾
- **Graphics:** AMD Radeon™ 840M Graphics⁽¹⁴⁾
- **Sound:** Poly Studio with dual speakers
- **Battery life:**
 - Up to 23 hours (mixed usage)⁽⁶⁵⁾
 - Up to 30 hours and 45 minutes (video playback)⁽⁷³⁾
 - Up to 21 hours (wireless streaming)⁽⁸⁰⁾
- **Wireless:** Wi-Fi 7 (2x2)⁽¹⁹⁾ and Bluetooth® 6.0 wireless card⁽²⁵⁾⁽²⁶⁾
- **Security:** Camera privacy shutter, Mic mute key
- **Camera:** SMP IR camera with HDR auto switch, temporal noise reduction and integrated dual array digital microphones⁽⁸⁾⁽⁹⁾⁽⁹⁾⁽⁹⁾
- **Product weight:** 4.09 lb⁽⁷⁾⁽⁶⁾
- **Keyboard:** Full-size, backlit, darker meteor silver opaque keyboard with numeric keypad

Product features

- **Get a fresh perspective with Windows 11:** From a rejuvenated Start menu, to new ways to connect to your favorite people, news, games, and content—Windows 11 is the place to think, express, and create in a natural way.⁽¹⁾
- **Copilot+ PC Experiences:** Brilliant new AI features designed to take your day from ordinary to extraordinary.^{(4)(1a)}
- **Microsoft Copilot:** Kickstart your creativity and productivity with Microsoft Copilot. Complements your capabilities and creativity with intelligent assistance and relevant answers. And now with the Copilot key, you can access this AI-powered intelligent assistant with a single press of a button.⁽⁴¹⁾
- **AMD Ryzen™ AI 7 445 processor:** Unlock powerful AI-driven experiences with a Copilot+ PC powered by an AMD Ryzen™ AI processor designed to enhance creativity, simplify and streamline your day, and give you valuable time back to do more.
- **AMD Radeon™ 840M graphics:** Built in for thrilling gaming performance, high resolution display support and hardware accelerated encoding with or without a discrete graphics card.
- **2K OLED touchscreen:** Experience rich colors and crisp visuals for your everyday productivity with an OLED touch display, 1920 x 1200 resolution, and 300 nits of brightness.⁽²⁰⁾
- **16:10 aspect ratio:** Lets you see more of your content with less scrolling.
- **100% DCI-P3:** Showcase your creations in all their colors on the 100% DCI-P3 display for stunning color accuracy and true-to-life colors.
- **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.
- **LPDDR5x RAM:** Experience speedy and responsive performance with the power efficient LPDDR5x memory. Designed to support higher data rates with less latency, plus faster file transfers and application load.
- **HP Fast Charge:** Go from 0 to 50% charge in approximately 45 minutes.⁽⁷⁾⁽⁶⁾

Additional product features

- **Effortlessly connected:** Boost your connectivity and productivity with a Wi-Fi 7 (2x2) and Bluetooth® 6.0 wireless card, for faster speeds, improved stability and ultimate reliability – even in crowded environments – across all your devices.⁽¹⁾⁽⁹⁾⁽²⁵⁾⁽²⁶⁾
- **HP SMP IR camera with HDR switch:** Take visually stunning works of art with HP SMP IR camera with HDR switch capabilities. With High Dynamic Range and 16:10 aspect ratio you get HD content natively, so you can capture more gradients between lights and darks for truer color accuracy.⁽⁸⁾⁽⁹⁾
- **PCIe® Gen4 NVMe™ M.2 SSD:** With high-speed data transfer, the PCIe® Gen4 NVMe™ M.2 SSD offers fast speed and efficient storage.
- **Poly Studio Audio with dual speakers:** HP + Poly together will continuously accelerate innovation across our hybrid solutions, including AI-generated technology. With pitch perfect audio, you'll get the best experience to collaborate anywhere with audio tuned by Poly Studio.
- **HP Audio Boost 2.0:** Powered by Smart Amp technology provides you loud, rich, and dynamic sound.
- **Xbox Game Pass Premium 2-month trial:** Enjoy 2 months of Xbox Game Pass Premium. Free with your new HP Laptop. Access a library of legendary, high-quality games, get exclusive in-game perks, partner discounts, and earn points annually with Xbox Rewards.⁽⁶⁾⁽⁴⁾

Product design

- **Dual-sided USB Type-C® ports:** Connect, power, and create with ease thanks to dual USB Type-C® ports, giving you the flexibility to charge devices and transfer data from either side of your device.
- **Precision lattice-less keyboard:** Elevate your typing experience with a modern lattice-less keyboard. Thoughtfully designed key spacing and pitch, a refined key dish for pinpoint accuracy, and an updated contemporary typeface make every keystroke effortless and legible.
- **Camera shutter:** Ensure your privacy with a visible shutter that turns off your PC's camera.
- **Microphone mute:** Enjoy greater peace of mind with a dedicated mic mute button that you can easily activate and know it's on or off with an LED indicator light.
- **HP 65W USB Type-C® GaN mini wall charger:** Travel lighter with our ultra-compact GaN wall mount power adapter. It's 50% smaller and lighter than traditional laptop chargers and includes a removable 2-meter USB Type-C® cable. Perfect for work, travel, and everything in between.⁽⁷⁾⁽³⁾

Created with the planet in mind

- HP is dedicated to driving progress toward a more sustainable future and making responsible choices for the environment and our customers. We are innovating new ways to reduce the amount of materials in our products and packaging—and to use more recycled materials in their design. Together we can make a difference.
- Built with the environment in mind, this laptop is designed using sustainable materials like:
 - Ocean-bound plastic in bezel and speaker enclosures⁽⁶⁾⁽³⁾
 - Top cover, base, keyboard deck and hinge caps contain recycled metal⁽⁶⁾⁽³⁾
 - Keyboard plate, keycaps and scissiors contain post-consumer recycled materials⁽⁶⁾⁽³⁾
 - HP's outer boxes and fiber cushions used in packaging are 100% sustainably sourced and recyclable⁽⁶⁾⁽³⁾
 - ENERGY STAR® certified⁽⁶²⁾
 - EPEAT® Gold with Climate+ registered⁽²⁷⁾

Warranty and support

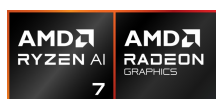
Our Customer Support Team consistently provides quick, responsive assistance in the U.S., Canada and Latin America.

Included with your product:

- **HP's Hardware Limited Warranty:** Full warranty details are included with your product.
- **Technical Support for Software & Initial set-up:** Warranty details are included with your product.

Support Options:

- **HP Support Assistant - HPSA:** Optimized to enhance your support experience. Help for your PC and HP printers whenever you need it.⁽⁵⁾⁽⁶⁾
- **Online Support:** For technical support with this product, visit HP Customer Support <http://support.hp.com>.⁽⁹⁾
- **Social Media Support:** To find solutions, ask questions, and share tips, join us on the HP Support Community at community.hp.com, on X at [x.com/HPSupport](https://twitter.com/HPSupport), and Facebook at facebook.com/HPSupport.⁽⁹⁾



polystudio

Specifications

Operating system	Windows 11 Home ⁽¹⁾
Processor	AMD Ryzen™ AI 7 445 (up to 4.6 GHz max boost clock, 8 MB L3 cache, 6 cores, 12 threads) ^{(2a)(2b)}
NPU	AMD Ryzen™ AI (50 NPU TOPS) ^{(a)(2)}
Memory	16 GB LPDDR5x-8000 MT/s (onboard)
Video graphics	AMD Radeon™ 840M Graphics ⁽¹⁾⁽⁴⁾
Internal storage	1 TB PCIe® Gen4 NVMe™ M.2 SSD ⁽¹⁾⁽³⁾
Finish and features	• Top cover: meteor silver aluminum with a sandblasted anodized finish • Keyboard deck: meteor silver aluminum with a sandblasted anodized finish
Camera	5MP IR camera with HDR auto switch, temporal noise reduction and integrated dual array digital microphones ⁽⁸⁾⁽⁹⁾⁽¹⁰⁾
Display	• 16-inch diagonal, 2K (1920 x 1200), OLED, multitouch-enabled, 0.2 ms response time, UWVA, edge-to-edge glass, micro-edge, Low Blue Light, 300 nits, 100% DCI-P3, 1,000,000:1 ^(2d)
Screen to body ratio	• 91% ^{(a)(2)}
Wireless	• Wi-Fi 7 (2x2) ⁽¹⁾⁽⁴⁾ and Bluetooth® 6.0 wireless card ⁽²⁾⁽¹⁰⁾⁽¹⁶⁾
Sound	• Poly Studio with dual speakers • DTS: X® Ultra
Integrated keyboard	• Full-size, backlit, darker meteor silver opaque keyboard with numeric keypad • HP Imagepad
External notebook ports	• 2 USB Type-C® 40Gbps signaling rate (USB Power Delivery 3.1, DisplayPort™ 2.1, HP Sleep and Charge) ⁽⁴⁾⁽¹⁰⁾⁽¹⁸⁾⁽⁴⁾ • 2 USB Type-A 10Gbps signaling rate • 1 Headphone/microphone combo • 1 HDMI 2.1
Dimensions	• Unpackaged: 14.02 in (W) x 9.67 in (D) x 0.60 in (H) ⁽⁷⁾⁽¹⁴⁾ • Packaged: 18.62 in (L) x 2.48 in (W) x 11.89 in (H) • Weight: 4.09 lb ⁽⁷⁾⁽¹⁴⁾
Weight	• Unpackaged: 4.09 lb ⁽⁷⁾⁽¹⁴⁾ • Packaged: 6.18 lb
Security	• Camera privacy shutter • Mic mute key
Power	• 4-cell, 70 Wh Li-ion polymer battery ⁽²¹⁾ • 65 W USB Type-C GaN power adapter ^{(a)(2)}
Battery life	• Up to 23 hours (mixed usage) ⁽²⁾⁽²²⁾ • Up to 30 hours and 45 minutes (video playback) ⁽⁷⁾⁽²⁾ • Up to 21 hours (wireless streaming) ⁽²⁾⁽²⁾
Warranty and support	• 1-year limited hardware warranty. Additional information available at www.support.hp.com ⁽²⁾ • 1-year limited technical support for software and initial setup (from date of purchase) ⁽²⁾⁽³⁾

Software and technology

Next Gen AI Apps	• Click to Do (preview): Tap, click, done—faster actions, less thinking. Increase productivity and creativity with instant actions on screen-recognized text and images. ^{(a)(14)} • Generative Fill: Make your photos feel untouched yet upgraded. Add new details to photos - without a trace - using generative fill. It's like it was there all along. ⁽¹⁾⁽¹⁴⁾ • Recall (preview): Homework? Recipe? YouTube video? Fly back in time to get right back to where you were on your PC. Drop a hint to track it down in seconds, like magic. ^{(a)(14)} • Improved Windows Search: Skip the scavenger hunt – just type what you remember and improved Windows Search delivers. Docs, settings, or images? Use File Explorer, Windows Search, or Settings Search. ^{(a)(14)}
Help and support	• HP App: Provides a simple setup and registration experience that welcomes you to your new HP PC. Customize, optimize, and secure your device with tips and tricks and easy-to-access settings, and receive helpful messages and information to keep things running smoothly. • HP Support Assistant: included with your computer, this free self-help tool makes it easier than ever to get help with your HP PC and printers. ^{(a)(4)}

Learn more at hp.com

⁽¹⁾ Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>. ^(2a) 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. AMD's numbering is not a measurement of clock speed. AMD and Radeon are trademarks of Advanced Micro Devices, Inc. ^(2b) Max Boost clock frequency performance varies depending on hardware, software and overall system configuration. GHz refers to internal clock speed of the processor. Other factors besides clock speed may impact system and application performance. ^(6a) 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. ⁽⁸⁾ McAfee is preinstalled on your PC and an account is required for activation. Subscription renewal required after trial period. VPN feature is not available in India, China, Syria or North Korea. McAfee and the McAfee logo are trademarks or registered trademarks of McAfee, Inc. in the United States and other countries. ⁽⁹⁾ Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. ⁽¹⁴⁾ Shared video memory (UMA) uses part of the total system memory for video performance. System memory dedicated to video performance is not available for other use by other programs. ⁽¹⁵⁾ Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content. ^(19a) 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. ⁽²⁰⁾ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. ⁽²¹⁾ Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors. ⁽²²⁾ 100GB of free online storage for 90 days from date of registration. For complete details and terms of use, including cancellation policies, visit the website at dropbox.com. Internet service required and not included. ⁽²³⁾ HP BIOS Protection works with Windows 11 that ships with your PC. ⁽²⁴⁾ Display measured diagonally. ^(25a) 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. ^(25b) Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license. ⁽²⁷⁾ This applies to EPEAT Registered products that meet Global Electronics Council, Sustainable Use of Resources Criteria (EPEAT–SUR–2025), January 29, 2025. Available at www.gec.org. ^(60a) 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%. ⁽⁴¹⁾ Copilot key feature availability varies by market, see aka.ms/keysupport. Copilot is NOT available in China, Russia, Belarus, and embargoed regions Cuba, Iran, North Korea, Crimea. ^(41a) Copilot+ PC experiences vary by device and region and may require updates continuing to roll out through 2025; timing varies. See aka.ms/copilotpluspacs. ⁽⁴²⁾ USB Type-C® and USB-C® are trademarks of USB Implementers Forum. ⁽⁴⁷⁾ Listening to personal stereo equipment at full volume for long periods can damage the user's hearing. To reduce the risk of hearing damage, lower the volume and amount of time listening at full volume. ⁽⁵⁰⁾ DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. ⁽⁵³⁾ Call 1.800.474.6836 or support.hp.com for more information on Care Packs available after standard warranty expires. After standard warranty expires, an incident fee may apply. ⁽⁵⁶⁾ For more information visit hp.com/go/hpsupportassistant. (Link will vary outside of the U.S.) HP Support Assistant is only available on Windows-based PCs. Internet connection required for updating and connecting to HP Support. ^(60b) Subscription continues automatically at regular monthly price unless cancelled. Subject to <https://www.xbox.com/legal/subscription-terms>. Benefits vary by Xbox Game Pass plan. Game library and in-game benefits vary over time, by region, device, and Xbox Game Pass plan. Game must be installed to access in-game benefits. For a list of cloud and non-cloud markets and supported regions, visit: xbox.com/regions. Terms apply, see xbox.com/gamepass for more. ⁽⁶²⁾ ENERGY STAR and the ENERGY STAR logo are registered trademarks owned by the U.S. Environmental Protection Agency. ^(63a) Percentage of ocean-bound plastic contained in each component varies by product. ^(63b) Percentage of recycled metal varies by product. ^(63a) 100% outer box/corrugate cushion packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Excludes plastic bags and plastic foam sheeting. ^(63b) Keyboard components contain post-consumer recycled materials. Percentage in each component varies by product. ⁽⁶⁴⁾ For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device. ⁽⁶⁹⁾ 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. ⁽⁷³⁾ Performance and compatibility may vary by device. Subject to change without notice. ⁽⁷⁴⁾ Battery life tested by HP using continuous FHD video playback, 1080p (1920x1080) resolution, 200 nits brightness, system audio level as image default, player audio level at 100%, played full-screen from local storage, headphone attached or through speaker (if no audio jack port), wireless on but not connected. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage. ⁽⁷⁶⁾ Weight and system dimensions may fluctuate due to configuration and manufacturing variances. ^(76a) Front height measurement is near the front edge where the chassis bottom cover taper begins. Back height measurement is near the back edge where the chassis bottom cover taper ends, excluding transition area to rubber feet and hinge cap. ⁽⁷⁷⁾ See URL for more details. <https://learn.microsoft.com/en-us/windows-hardware/design/device-experiences/sensors-presence-sensing> ⁽⁷⁸⁾ Recharges your battery up to 50% within 45 minutes when the system is off using "shut down" command, using HP Support 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. ⁽⁸⁰⁾ Battery life tested by HP using continuous Netflix video playback, Microsoft Edge Browser, 200 nits brightness, system audio level as image default, headphone attached or through speaker (if no audio jack port), played full-screen, wireless on. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage. ^(85a) MobileMark 30 Battery life will vary depending on various factors including product model, configuration, brightness, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See [bapco.com/mobilemark-30/](https://www.bapco.com/mobilemark-30/) for additional details. ^(88a) Offer available worldwide (excluding China and embargoed countries or other countries identified as restricted by applicable law or regulation) to new and existing subscribers who are 18+. Click on the Adobe icon in the start menu to redeem a 1-month free trial membership for select Adobe software. The software is tied to the device and is not transferable. If you would like to sign up for an auto-renewing subscription, you can provide your payment method at sign-up. By adding a payment method, your subscription will automatically renew at the then current rate on your renewal date until you cancel. If you cancel before the end of the one-month free trial, you won't be charged. You can cancel your subscription anytime via your Adobe Account page or by contacting Customer Support. Please see current prices for Adobe products available in this offer. Offer not available to Education, OEM, or volume licensing customers. Subject to availability where the recipient resides. Additional terms and conditions may apply. VOID WHERE PROHIBITED OR RESTRICTED BY LAW. ⁽⁸⁹⁾ Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included. ^(89a) Camera resolution refers to the image sensor active pixels. The actual image capture pixels and aspect ratio depend on the app selected. ^(89a) The default aspect ratio for the camera is set to 16:9, users have the option to adjust it to 16:10 from within the camera settings. ^(94a) Additional displays sold separately, not included. Actual product may vary from image shown on datasheet. © Copyright 2026 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing shall be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. All other trademarks are property of their respective owners. 03/9/2026_r5 kc

