

HP OmniBook X Flip 16 inch Laptop PC 16-be0003dx



Steal the show, with Flip

Whether you're creating or being entertained, steal the show with the versatile and stylish HP OmniBook X Flip 16. The large display ensures you always have the best seat in the house, while the flexibility to use it flipped, folded, or flat ensures that it's also the most comfortable and productive.

Product overview

- **Powerful connections:** Powerful connections are made with a 5MP camera and Poly Camera Pro. Combined with premium speakers and Poly Studio audio tuning, you look and sound your best in every interaction. With Wi-Fi 6E, you can make that connection happen anywhere.
- **Designed for the spotlight:** Designed to look as good as it performs, this PC is made from sleek, recycled metal, with 4 versatile modes clamshell, tent, tablet, and reverse. Add a stylus for more intuitive, controlled sketching and editing and make what you create look just as good.
- **The bigger, the better:** A powerful AMD Ryzen™ processor, a 16 inch display, and backlit keyboard with larger keycaps, delivers big when it comes to performance, viewability, and ease of use.
- **Built for a better tomorrow:** HP OmniBook X Flip 16 PC is designed using recycled metals and post-consumer recycled plastics.^(63d) The EPEAT® Gold with Climate+^(27a) and ENERGY STAR® certified⁽⁶²⁾ design, highlights our commitment to reducing environmental impact while achieving exceptional energy efficiency.

Key specifications

- **Operating system:** Windows 11 Home⁽¹⁾
- **Processor:** AMD Ryzen™ 5 220^(2a)
- **Display:** 16-inch diagonal, 2K (1920 x 1200), multitouch-enabled, IPS, edge-to-edge glass, micro-edge
- **Memory:** 8 GB LPDDR5-6400 MT/s (onboard)
- **Internal storage:** 512 GB PCIe® Gen4 NVMe™ M.2 SSD⁽¹⁵⁾
- **Graphics:** AMD Radeon™ 740M Graphics⁽¹⁴⁾
- **Sound:** Poly Studio with dual speakers
- **Battery life:**
 - Up to 14 hours and 30 minutes (mixed usage)^(85a)
 - Up to 20 hours and 30 minutes (video playback)⁽⁷⁵⁾
 - Up to 13 hours and 45 minutes (wireless streaming)⁽⁸⁰⁾
- **Wireless:** Wi-Fi 6E (2x2)^(19c) and Bluetooth® 5.3 wireless card⁽²⁵⁾⁽²⁶⁾ (supporting gigabit data rate)^(7e)
- **Security:** Camera privacy shutter, Mic mute key
- **Camera:** 5MP IR camera with temporal noise reduction and integrated dual array digital microphones^{(89)(89b)}
- **Product weight:** 4.18 lb⁽⁷⁶⁾
- **Keyboard:** Full-size, backlit, soft grey keyboard

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⁾
- **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™ 5 220:** Where performance elevates everyday experiences, the AMD Ryzen™ processor provides the technology users need to harness the power of advanced computing with introductory AI experiences.
- **Integrated AMD Radeon™ 740 graphics:** The impressive power of AMD Radeon™ graphics built-in for impressive visual fidelity and the performance to play games in high definition.
- **2K touchscreen with IPS:** Intuitive touchscreen technology lets you control your PC right from the screen. And transform your content with 1920x1200 resolution and 178-degree wide-viewing angles.
- **AMD FreeSync™ Technology:** Say goodbye to choppy gameplay and enjoy tear free, seamless visuals across all your games. AMD FreeSync™ display technology optimizes refresh rates for flawless sync with your graphics.⁽⁴⁵⁾
- **16:10 aspect ratio:** Lets you see more of your content with less scrolling.
- **HP Fast Charge:** Go from 0 to 50% charge in approximately 45 minutes.⁽⁷⁸⁾
- **Effortlessly connected:** Enjoy faster speeds, improved performance, greater capacity and lower latencies than earlier iterations with Wi-Fi 6E and Bluetooth® 5.3 wireless card.^{(19c)(25)(26)}

Additional product features

- **HP 5MP IR camera with HDR switch:** Take visually stunning works of art with HP 5MP 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.^(89d)
- **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.
- **Try PC Game Pass for free:** Play hundreds of high-quality PC games on your new HP device with 3 free months of PC Game Pass – including EA play. With new games being added all the time, there's always something new to play.⁽⁶⁰⁾

Product design

- **90.7% screen to body ratio:** Revolutionize your display and see more of what you love with this slim bezel design. Enjoy an immersive multimedia experience with a maximized viewing area.
- **Backlit keyboard:** Keep going comfortably even in darker environments.
- **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.

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^(63c)
 - Top cover, base, keyboard deck and hinge caps contain recycled metal^(63d)
 - Keyboard keycaps and scissors contain post-consumer recycled plastic^(63j)
- HP's outer boxes and fiber cushions used in packaging are 100% sustainably sourced and recyclable^(63e)
- ENERGY STAR® certified⁽⁶²⁾
- EPEAT® Gold with Climate+ registered^(27a)

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.⁽⁵⁶⁾
- **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 Twitter at twitter.com/HPSupport, and Facebook at facebook.com/HPSupport.⁽⁹⁾



Specifications

Operating system	• Windows 11 Home ⁽¹⁾
Processor	• AMD Ryzen™ 5 220 ^(2a) • 6-Core
Processor speed	• Up to 4.9 GHz max boost clock ^(2a)
Processor cache	• 16 MB L3 cache
Memory	• 8 GB LPDDR5-6400 MT/s (onboard)
Video graphics	• AMD Radeon™ 740M Graphics ^(1a)
Internal storage	• 512 GB PCIe® Gen4 NVMe™ M.2 SSD ⁽¹⁵⁾
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 temporal noise reduction and integrated dual array digital microphones ^{(89)(89a)}
Display	• 16-inch diagonal, 2K (1920 x 1200), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, 400 nits, 62.5% sRGB ⁽²⁰⁾ • AMD FreeSync™ ⁽⁴⁵⁾
Screen to body ratio	• 90.7% ⁽⁴⁰⁾
Wireless	• Wi-Fi 6E (2x2) ^(19a) and Bluetooth® 5.3 wireless card ⁽²⁵⁾⁽²⁶⁾ (supporting gigabit data rate) ^(7a)
Sound	• Poly Studio with dual speakers • DTS:X® Ultra
Integrated keyboard	• Full-size, backlit, soft grey keyboard • HP Imagepad
External notebook ports	• 1 USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4a, HP Sleep and Charge) ^{(42)(50)(86a)} • 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4a, HP Sleep and Charge) ^{(42)(50)(86a)} • 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 0.61 in (H) ^(76a) • Front height is measured at 0.48 in, rear height is measured at 0.61 in, and maximum height is measured at 0.71 in. • Packaged: 16.65 in (L) x 3.15 in (W) x 11.93 in (H)
Weight	• Unpackaged: 4.18 lb ⁽⁷⁰⁾ • Packaged: 7.14 lb
Security	• Camera privacy shutter • Mic mute key
Power	• 4-cell 68 Wh Li-ion polymer battery ⁽²¹⁾ • 65 W USB Type-C® power adapter ⁽⁴²⁾
Battery life	• Up to 14 hours and 30 minutes (mixed usage) ^(85a) • Up to 20 hours and 30 minutes (video playback) ⁽⁷⁵⁾ • Up to 13 hours and 45 minutes (wireless streaming) ⁽⁸⁰⁾
Warranty and support	• 1-year limited hardware warranty. Additional information available at www.support.hp.com ⁽⁹⁾ • 1-year limited technical support for software and initial setup (from date of purchase) ⁽⁵³⁾

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. ^(2a) 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. ^(7a) Wi-Fi 6E is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately. ⁽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) Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where 6GHz is supported. ⁽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 one year 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. ⁽²⁵⁾ Bluetooth® 5.3 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.3 will function as Bluetooth® 5.2 or lower. ⁽²⁶⁾ Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license. ^(27a) See www.epeat.net for registration status and tier levels by country. ⁽⁴⁰⁾ Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk. ⁽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. ⁽⁴²⁾ USB Type-C® and USB-C® are trademarks of USB Implementers Forum. ⁽⁴⁵⁾ See www.amd.com/freesync for complete details. © 2024 Advanced Micro Devices, Inc. All rights reserved. AMD, the AMD Arrow logo, Radeon, FreeSync, and combinations thereof are trademarks of Advanced Micro Devices, Inc. ⁽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. ⁽⁶⁰⁾ Xbox Game Pass sold separately. Credit card required. Unless you cancel, you will be charged the then-current regular membership rate when the promotional period ends. Terms, exclusions, and streaming limits apply. Xbox Cloud Gaming (Beta): select devices and regions. After term, active membership required to play games and online multiplayer. Game catalog varies over time, region, and by device. DLC sold separately; if a game is removed from catalog or your membership ends, you will need to purchase the game separately to use your DLC. If you're already an Xbox Live Gold and/or Game Pass for Console/PC member, any days remaining in your membership/s will be converted to Ultimate using a conversion ratio. Future code redemptions also subject to conversion ratio. All conversions to Ultimate are final. Details and system requirements at www.xbox.com/gamepass. Offer valid in all Xbox Game Pass markets excluding Russia. Digital Direct: Your digital content will be delivered directly to your device during set-up; no codes required. PC Game Pass: Subscription continues automatically at regular monthly price unless cancelled. Subject to xbox.com/subscriptionterms. ⁽⁶²⁾ ENERGY STAR and the ENERGY STAR mark 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. ^(63c) 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. ^(63d) Keyboard components contain post-consumer recycled plastic. Percentage of post consumer recycled contained 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. ⁽⁷⁵⁾ 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. ⁽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). Recommended for use with the HP adapter provided with the notebook, not recommended with a smaller capacity battery charger. 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 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 bapco.com/products/mobilemark-25/ 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. ^(89b) Camera resolution refers to the image sensor active pixels. The actual image capture pixels and aspect ratio depend on the app selected. ^(89c) 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. Actual product may vary from image shown on datasheet. © Copyright 2025 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. 03/21/2025_r3 kc

Software and technology

Help and support	• 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. ⁽⁵⁶⁾ • myHP: 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.
Security and protection	• HP BIOS Protection: Get peace of mind knowing your PC BIOS is protected. HP BIOS Protection automatically checks its health and recovers itself. ⁽²³⁾ • Presence Sensing: Experience optimal security and efficiency with Presence Sensing. Automatically lock and wake your PC, saving power and getting back to work quickly. Easy access with a single click from myHP. ⁽⁷⁷⁾
Partner offers	• Adobe Offer: Get a complimentary 1 month trial of the best creativity and productivity apps from Adobe with the purchase of a computer from HP. Create anything you can imagine – photos, videos, graphics, webpages, PDFs, and more. Get started with the app that best fits your need. ^(88a) • Dropbox cloud storage: Store and synchronize your content online with Dropbox. Get 100GB of storage for one year to access, manage, and share your photos, music, and files from anywhere with Internet access. ⁽⁸⁰⁾⁽²²⁾ • McAfee 30-day trial: Secure your privacy and data when browsing on public Wi-Fi with VPN, included in your free McAfee 30-day trial. ⁽⁸⁰⁾⁽⁹⁾ • Try PC Game Pass for free: Play hundreds of high-quality PC games on your new HP device with 3 free months of PC Game Pass. ⁽⁶⁰⁾
System performance	• HP Connection Optimizer: Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points. ⁽⁸⁾ • Battery Manager: Improves battery lifespan with Battery Manager. Reduce wear and continually protect optimum battery capacity.
Work and lifestyle	• HP Enhanced Lighting: Easily enhance brightness, color and lighting effects to look your best during video calls with integrated HP Enhanced Lighting app. • Microsoft Copilot: Microsoft Copilot gives you intelligent answers. Access with just the touch of the Copilot key. ⁽⁴¹⁾ • Poly Camera Pro: Elevate your video calls with AI from any camera connected to enhance virtual interactions, customizable settings and professional grade features across all collaboration and streaming apps, without sacrificing performance or battery. ⁽⁹⁾ • Advanced AI Noise reduction: Enjoy clearer team conversations with AI Noise reduction. Using the Advanced Personal Mode, it tracks only your voice during conference calls while automatically filtering out noises and other speakers for distinctively focused communications.
Gaming and entertainment	• DTS:X® Ultra technology: By producing authentic, spatially accurate 3D sound, this technology gives games, movies, and music a level of depth and immersion for the best entertainment experience possible. • OMEN Gaming Hub: Your one place for everything to make your gaming experience better. From software enhancements to hardware control, and live services, OMEN Gaming Hub elevates play in an easy and simple way.

Additional information

Product number	• B73U4UABABA
Ad embargo date	• 05/28/2025
UPC Code	• 198990266947
Country of origin	• China
Pallet information	• Dimensions: 47.24 in (L) x 39.37 in (W) x 42.29 in (H) • Total weight: 676.6 lb • Layers: 3 • Products per layer: 30

