HP OmniBook X Flip 16 inch 2-in-1 Laptop Next Gen AI PC 16-cb0023dx

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:** Powered by the latest Intel® Core™ Ultra processor delivering up to 50 TOPS of AI acceleration, you get the speed to finish tasks faster and the power to run 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 5MP 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:** Intel® Core™ Ultra 7 355 [2a]
- **NPU:** Intel® AI Boost (49 NPU TOPS)[6c]
- **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-7467 MT/s (onboard)
- **Internal storage:** 1 TB PCIe® Gen4 NVMe™ M.2 SSD[15]
- **Graphics:** Intel® Graphics[14]
- **Sound:** Poly Studio with dual speakers
- **Battery life:**
  Up to 25 hours and 15 minutes (mixed usage)[85d]
  Up to 39 hours (video playback)[75]
  Up to 22 hours and 45 minutes (wireless streaming)[80]
- **Wireless:** Wi-Fi 7 (2x2)[19d] and Bluetooth® 6.0 wireless card[25b][26]
- **Security:** Camera privacy shutter, Mic mute key
- **Camera:** 5MP IR camera with HDR auto switch, temporal noise reduction and integrated dual array digital microphones[89i][89b]
- **Product weight:** 4.08 lb[76]
- **Keyboard:** Full-size, backlit, darker eclipse gray 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.[41a]
- **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]
- **Intel® Core™ Ultra 7 355 Series 3 processor:** No tradeoffs. Delivers what matters: incredible battery life, powerful performance, built-in graphics and AI to revolutionize how you create, game, and work anywhere. Feel the power of Intel Inside®.
- **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.
- **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.[78]

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.[19d][25b][26]
- **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.
- **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.[60a]

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.[73]

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 plate, keycaps and scissors contain post-consumer recycled materials[63k]
- 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[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.[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 X at x.com/HPSupport, and Facebook at facebook.com/HPSupport.[9]

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Specifications

Operating system	• **Windows 11 Home**[1]
Processor	• Intel® Core™ Ultra 7 355 (up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 8 cores, 8 threads)[2b][2g]
NPU	• Intel® AI Boost (49 NPU TOPS)[6c]
Memory	• 16 GB LPDDR5x-7467 MT/s (onboard)
Video graphics	• Intel® Graphics[14]
Internal storage	• 1 TB PCIe® Gen4 NVMe™ M.2 SSD[15]
Finish and features	• Top cover: eclipse gray aluminum with a sandblasted anodized finish • Keyboard deck: eclipse gray aluminum with a sandblasted anodized finish
Camera	• 5MP IR camera with HDR auto switch, temporal noise reduction and integrated dual array digital microphones[89][89b]
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[20]
Screen to body ratio	• 91%[40d]
Wireless	• Wi-Fi 7 (2x2)[19d] and Bluetooth® 6.0 wireless card[25b][26]
Sound	• Poly Studio with dual speakers • DTS: X® Ultra
Integrated keyboard	• Full-size, backlit, darker eclipse gray opaque keyboard with numeric keypad • HP Imagepad
External notebook ports	• 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery 3.1, DisplayPort™ 2.1, HP Sleep and Charge)[42][50][51][64] • 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)[76a] • Front height is measured at 0.48 in, rear height is measured at 0.60 in, and maximum height is measured at 0.69 in. • **Packaged:** 18.62 in (L) x 2.48 in (W) x 11.89 in (H)
Weight	• **Unpackaged:** 4.08 lb[76] • **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[42]
Battery life	• Up to 25 hours and 15 minutes (mixed usage)[85d] • Up to 39 hours (video playback)[75] • Up to 22 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]

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.[41a] • **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.[41a] • **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.[41a] • **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.[41a]

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.[56]
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. Automatically lock and wake your PC, saving power and getting back to work quickly. Easy access with a single click from the HP App.[77] • **Detects when to hibernate:** Your laptop automatically detects when placed in a carrying bag and goes into hibernation to prevent battery drain and overheating. • **Secure Password Manager with HP Omni+:** Manage passwords securely with end-to-end encryption and industry-standard cryptography. Your passwords are protected on your device, never stored in plaintext, and never accessible to HP.
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] • **McAfee Premium Individual 30-day trial:** Secure your device with award winning antivirus and online protection. Free trial includes secure VPN for privacy and data protection when browsing on public Wi-Fi.[8][9] • **Dropbox cloud storage:** Store and synchronize your content online with Dropbox. Get 100GB of storage for 90 days to access, manage, and share your photos, music, and files from anywhere with Internet access.[9][22] • **Xbox Game Pass Premium 2 month trial:** Enjoy 2 months of Xbox Game Pass Premium. Free with your new HP Laptop.[60a]
System performance	• **Smart Sense:** This AI-driven optimizer switches modes to optimize performance based on your activity. Temperature and fan noise adapt automatically by managing warmth and noise levels for your comfort. Automatic notifications take away the worry and ensure a fast setup. • **Dynamic Wallpaper:** Bring your PC to life with dynamic wallpapers that move with your mood and match your style. • **HP Connection Optimizer:** Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points.[9] • **Battery Manager:** Improves battery lifespan and reduces wear. Continually protects optimum battery capacity.
Work and lifestyle	• **Microsoft Copilot:** Microsoft Copilot gives you intelligent answers. Access with just the touch of the Copilot key.[41] • **Screen Distance and Screen Time:** Offers a customized experience to support the wellbeing of the whole family. Manage reminders for balanced productivity and encourage proper posture while minimizing eyestrain. • **Advanced AI Noise reduction:** Enjoy clearer team conversations. 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. • **Smart Display with LookToMove, Screen Shift, and Task Group features:** Use head movement to move windows or one-click to shift, snap, and launch windows across multiple displays.[94a]
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.[47] • **DTS Sound Unbound:** Experience immersive, cinema-quality 3D audio that elevates movies, games, and music. Feel every whisper, step, and boom come from exactly where it should. Rich, spatial sound puts you right at the center of the action.[47] • **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. • **OMEN AI:** Provides personalized settings recommendations to achieve the best possible FPS with minimum hassle. • **Built-in streaming with HP TV+:** Stream live TV, movies, shows, sports, news, and more. Optimized for PC viewing whether you're fully immersed or multitasking.

Additional information

Product number	• D31MKUA#ABA
Ad embargo date	• 03/29/2026
UPC Code	• 199896411974
Country of origin	• China, Vietnam
Pallet information	• **Dimensions:** 47.24 in (L) x 39.37 in (W) x 42.17 in (H) • **Total weight:** 738.52 lb • **Layers:** 3 • **Products per layer:** 38

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