HP OmniBook Ultra 14 inch Laptop Next Gen AI PC 14-fd0023dx

Unlock your digital world with this powerhouse Next Gen AI PC

Hustle hard, ignite inspiration, and game on with this sleek and powerful laptop that will see you through it all, and still be future-ready for more tomorrow.

Product overview

- **Power your digital world wherever you go:** Power up with the most advanced AMD Ryzen™ AI 9 processor with integrated AMD Radeon™ graphics. Unleash your creativity with AI-enabled intensive video and photo editing capabilities, play the latest games and experience console-like performance without having to compromise on portability or battery life.
- **Supercharged productivity with personalized and secure AI:** Experience personalized, private AI capabilities that supercharge your everyday productivity and free up your time to spend it on what matters most in life. This intelligent AI engine with 55 TOPS[6c] can locally run large language models, AI assistants like HP AI Companion,[79] and fast generative AI applications directly on your laptop so you can generate content and automate workflows, while keeping your data and files secure.
- **Present you and everything you do, brilliantly:** Look, see, and feel your best, no matter where you are. The AI-enabled high-resolution 9MP IR camera paired with Poly Camera Pro app, Wi-Fi 7, and Windows Studio Effects enables endless collaboration for genuine and uninterrupted experiences.
- **Comprehensive security solutions:** Remain focused on your work or play and browse safely. HP Wolf Security delivers professional-level security to keep those connections and data secure and protected against cyber-threats. Meanwhile, know your privacy is respected with motion sensing features and face recognition.
- **Built for a better tomorrow:** HP OmniBook Ultra Next Gen AI PC is designed using recycled metals and post-consumer ocean-bound plastics. EPEAT® Gold with Climate+ registered and ENERGY STAR® certified design means that we've been recognized for our efforts to reduce environmental impact and promote superb energy efficiency.[27a]

Key specifications

- **Operating system:** Windows 11 Home[1]
- **Processor:** AMD Ryzen™ AI 9 HX 375[2a]
- **NPU:** AMD Ryzen™ AI (55 NPU TOPS)[6c]
- **Display:** 14-inch diagonal, 2.2K (2240 x 1400), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, Corning® Gorilla® Glass NBT™, Low Blue Light, 400 nits, low power, 100% sRGB[20]
- **Memory:** 32 GB LPDDR5x-7500 MT/s (onboard)
- **Internal storage:** 2 TB PCIe® Gen4 NVMe™ M.2 SSD[15][58e]
- **Graphics:** AMD Radeon™ Graphics[14]
- **Sound:** Poly Studio with quad speakers
- **Wireless:** Wi-Fi 7 (2x2)[19d] and Bluetooth® 5.4 wireless card[25a][26]
- **Security:** Fingerprint reader, Camera privacy shutter, Mic mute key
- **Camera:** 9MP IR AI camera with temporal noise reduction and integrated dual array digital microphones[89d][89b]
- **Product weight:** 3.47 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]
- **Copilot in Windows:** Before any task, just ask. Copilot in Windows complements your capabilities and creativity with intelligent assistance and relevant answers. Here to help with your everyday, no matter what it looks like.[41]
- **AMD Ryzen™ AI 9 processor:** Unlock transformational AI PC experiences. Enable the ultimate in private, responsive and intelligent laptop computing with advanced AI architecture and supercharged performance for elite gaming and productivity.
- **Integrated AMD Radeon™ 800M graphics:** Built in graphics deliver top tier gaming experiences wherever the day takes you.
- **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]
- **2.2K IPS touchscreen display:** 2240 x 1400 resolution delivers stunning details and lifelike colors. And with touch, you can control your PC right from the screen.
- **100% sRGB:** Showcase your creations in all their colors on the 100% sRGB display for maximum color broadness and accuracy.
- **16:10 aspect ratio:** Lets you see more of your content with less scrolling.
- **Corning® Gorilla® Glass NBT™:** Scratch-resistant Corning® Gorilla® Glass NBT™ stands up to all the daily abuse a touch screen takes. Helps reduce accidental damage with strong, more durable protection than most displays.
- **Eyesafe® Certified display:** Protects your eyes from harmful blue light without distorting colors to reduce eyestrain when working for long periods of time.
- **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]
- **Wi-Fi 7 (2x2) and Bluetooth® 5.4 wireless card:** Quantum leap in wireless performance with all-new levels of increased speed and reduced latency with Wi-Fi 7 featuring a Bluetooth® 5.4 wireless card.[19d][25a][26]
- **9MP IR AI ISP camera:** Experience stunning clarity and adaptive lighting with our advanced 9MP camera featuring AI ISP and HDR Auto Switch. Capture bright, clear images in any lighting condition.[89d]
- **PCIe® NVMe™ SSD storage:** Get up to 15x faster performance than a traditional hard drive.[58b]

Additional product features

- **Poly Studio Audio with quad 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:** Smart amplification technology gives you loud, clear, and dynamic sound.
- **Enjoy 1-month of high-quality games:** Use the Xbox App to play hundreds of high-quality PC games with friends including new day one titles and get an EA Play membership. With games added all the time, you always have something new to play. Xbox Game Pass Ultimate also enables you to play console games on your Windows PC with cloud gaming, and chat with friends across PC, mobile, and Xbox console.[60]

Security features

- **Microsoft Pluton:** Revolutionary technology embedded in your PC's processor. Enhance your PC to continuously protect credentials, identities, and personal data, ensuring a safe computing experience.
- **HP Wolf Security:** Work, play and explore with confidence with industry leading HP Wolf Security features for consumers.
- **Fingerprint reader on the power button:** Easily turn on and access your device faster than ever. This can be used to unlock the device, authenticate the user, or replace the password. With biometric identifier technology, your fingerprint will be captured and recorded for quicker computer access.
- **Camera shutter:** Ensure your privacy with a visible shutter that turns off your PC's camera.
- **Presence sensing:** Experience optimal security and efficiency with presence sensing. Automatically lock and wake your PC, saving power and getting back to work quickly.[77]

Product design

- **Windows Copilot Key:** Help is always at hand. Get fast-access to AI-assistance with the Copilot key.[41]
- **86% 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.
- **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.
- **Gestures:** Enhance productivity and effortlessly scroll, navigate and adjust volume using intuitive hand gestures. Simplify content interaction for a seamless AI experience.

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.

The HP OmniBook Ultra 14 inch Laptop Next Gen AI PC is built with the future in mind, using environmentally conscious and recycled materials.
- Up to 50% post-consumer recycled plastic in keyboard caps, scissors
- Up to 45% post-consumer recycled plastic + 5% ocean bound plastic in bezel and speaker enclosures
- Up to 85% post-industrial recycled metal + 5% post-consumer recycled metal in top cover and keyboard deck
- Up to 50% post-industrial recycled metal + 5% post-consumer recycled metal bottom cover
- Packaged with 100% sustainably sourced FSC certified, plastic-free packaging
- ENERGY STAR® certified
- EPEAT® Gold with Climate+[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]

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Specifications

Operating system	• **Windows 11 Home**[1]
Processor	• AMD Ryzen™ AI 9 HX 375[2a] • 12-Core • AMD Ryzen™ AI (55 NPU TOPS)[6c]
Processor speed	• Up to 5.1 GHz max boost clock[2d]
Processor cache	• 24 MB L3 cache
Memory	• 32 GB LPDDR5x-7500 MT/s (onboard)
Accessible memory slots	• Memory slot not user accessible
Video graphics	• AMD Radeon™ Graphics[14]
Internal storage	• 2 TB PCIe® Gen4 NVMe™ M.2 SSD[15][58e]
Finish and features	• Top cover: meteor silver aluminum with a sandblasted finish • Keyboard deck: meteor silver aluminum with a sandblasted finish
Camera	• 9MP IR AI camera with temporal noise reduction and integrated dual array digital microphones[89][89b]
Display	• 14-inch diagonal, 2.2K (2240 x 1400), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, Corning® Gorilla® Glass NBT™, Low Blue Light, 400 nits, low power, 100% sRGB[20] • AMD FreeSync™ Replay[45]
Screen to body ratio	• 86.0%[40]
Wireless connectivity	• Wi-Fi 7 (2x2)[19d] and Bluetooth® 5.4 wireless card[25a][26]
Sound	• Poly Studio with quad speakers • DTS: X® Ultra
Integrated keyboard	• Full-size, backlit, soft grey keyboard • HP Imagepad
External notebook ports	• 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1, HP Sleep and Charge)[42][50][51][64] • 1 USB Type-A 10Gbps signaling rate (HP Sleep and Charge)[64] • 1 Headphone/microphone combo
Dimensions	• **Unpackaged:** 12.41 in (W) x 8.96 in (D) x 0.65 in (H) • **Packaged:** 14.96 in (L) x 3.15 in (W) x 11.02 in (H)
Weight	• **Unpackaged:** 3.47 lb[76] • **Packaged:** 5.93 lb
Security	• Fingerprint reader integrated in power button key • Camera privacy shutter • Mic mute key
Power	• 4-cell 68 Wh Li-ion polymer battery[21] • 65 W USB Type-C® power adapter[42]
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

AI apps	• **Live Captions:** When you never miss a word, you never miss a beat. Like the conversation in your video calls. Or the dialogue in your movies. If there are spoken words, Live Captions can turn them into English subtitles in real time on your screen.[18a] • **Paint Cocreator:** Light your spark. Everyone has an imagination and an ability to be an artist. Describe or draw your vision with text or image prompts and watch Paint Cocreator generate an interpretation of it. • **Super Resolution:** Why choose between high frame rates or high resolutions? There's no need to compromise on graphics with Super Resolution. It uses AI to upscale your games in real time to deliver the visuals you crave. All without the performance hit.

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] • **Fingerprint reader on the power button:** With biometric identifier technology, your fingerprint will be captured and recorded for quicker computer access. • **HP Wolf Security:** Work, play and explore with confidence with industry leading HP Wolf Security features for consumers.
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.[9][22] • **1-month of Xbox Game Pass Ultimate included:** Unlimited access to over 100 high-quality PC games for 1-month.[60] • **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. [8][9]
System performance	• **HP Connection Optimizer:** Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points.[9]
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. • **AI Noise Removal:** Artificial intelligence technology automatically removes background noise for clearer than ever video chats, audio calls, and recordings. • **Windows Studio Effects:** Experience next generation video calls enabled by AI. Keep everyone in view with automatic framing while staying connected with eye contact. Experience better privacy with background blur and choose optional portrait effect to soften background and have an aesthetic look. • **Otter.ai:** With Otter.ai, an AI assistant can record audio, write notes, automatically capture slides, record, transcribe, and generate meeting summaries so that you can save time and stay organized. • **HP AI Companion:** Get the most out of your AI PC with the new HP AI Companion app. Elevate your everyday tasks with a collection of AI tools and solutions that can increase your productivity and keep you running at your best.[79] • **Poly Camera Pro:** Elevate your video calls with AI to enjoy crystal clear video, customizable settings and professional grade features for a truly immersive video conferencing and collaboration experience.[9] • **Copilot in Windows:** Take the friction out of your workflow with personalized assistance and answers relevant to you.[41]
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	• A9PS0UA#ABA
Ad embargo date	• 10/13/2024
UPC Code	• 198415977410
Country of origin	• China
Pallet information	• **Dimensions:** 47.24 in (L) x 39.37 in (W) x 39.56 in (H) • **Total weight:** • **Layers:** 3 • **Products per layer:** 34

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