HP OmniBook X 14 inch Laptop AI PC 14-fe0023dx
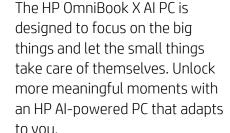
Copilot+ PC

Experience the future of computing with the new AI era of PCs

The HP OmniBook X AI PC is designed to focus on the big things and let the small things take care of themselves. Unlock more meaningful moments with an HP AI-powered PC that adapts to you.

Product overview

- **Power your personal productivity with AI:** Your PC will become more personal every time you use it as the AI engine with a dedicated NPU learns from you and adapts to your needs, habits and preferences. Multiply your capabilities with intuitive user experiences and advanced tools. Collaborate and interact with your personal files to get actionable insights, compare your documents, summarize, or draft reports and articles using Analyze. Get the most out of your AI PC with the new HP AI Companion app.[79]
- **Your perfect mix of performance and mobility:** Take your personalized productivity to the next level. Powered by a Snapdragon® X Elite processor for a super-charged performance and a high bandwidth memory to help run AI applications faster. Enjoy more than one day of power with the longest battery life on an HP consumer laptop and HP Fast Charge so you don't have to worry about stopping your flow. Get updates and ongoing optimization with the new Perform tool that will assess your PC performance, improve it and better your everyday experience over time.
- **Collaboration tools that enhance your communication:** Showcase your ideas to the world through a 5MP (16:10) camera[89d] with manual shutter for privacy when you need it and Poly Camera Pro AI-based features with video effects. Wi-Fi 6E with Bluetooth® 5.3 wireless card ensures increased speed and reduced latency for seamless communication. No need for extra lights, expensive lenses, or sound-proof rooms with Windows Studio Effects that automatically improves lighting, cancels noises and more during video calls. When you never miss a word, you never miss a beat. Get accurate subtitles in real time with Live Captions.[18a]
- **Built for a better tomorrow:** The HP OmniBook X AI PC is designed using up to 50% recycled metals and post-consumer ocean-bound plastics. The EPEAT® Gold registered[27] and ENERGY STAR® certified design means that we've been recognized for our efforts to reduce environmental impact and promote superb energy efficiency.

Key specifications

- **Operating system: Windows 11 Home[1]**
- **Processor:** Snapdragon® X Elite X1E-78-100
- **NPU:** Qualcomm® Hexagon™ NPU (45 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
- **Memory:** 32 GB LPDDR5x-8448 MT/s (onboard)
- **Internal storage:** 2 TB PCIe® Gen4 NVMe™ M.2 SSD[15][58b]
- **Graphics:** Qualcomm® Adreno™ GPU
- **Sound:** Poly Studio with dual speakers
- **Battery life:**
  Up to 26 hours and 15 minutes (video playback)[75]
  Up to 22 hours (wireless streaming)[80]
- **Wireless:** Qualcomm® FastConnect™ 6900 Wi-Fi 6E (2x2)[19c] Dual Band Simultaneous (DBS) and Bluetooth® 5.3 wireless card[25][26]
- **Security:** Camera privacy shutter, Mic mute key
- **Camera:** 5MP IR camera with temporal noise reduction and integrated dual array digital microphones[89b][89b]
- **Product weight:** 2.97 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]
- **Snapdragon® X Elite processor:** Unleash the full potential of your premium laptop with a powerful, intelligent, and power efficient processor for Windows, boosting productivity to new heights with cutting-edge AI capabilities and game-changing performance.
- **Qualcomm® Adreno™ GPU:** Experience high performance graphics and rich user experiences while optimizing power consumption. Elevate your mobile UI, games and advanced graphics applications with fast responsiveness and superior mobile connectivity.
- **2.2K IPS touchscreen:** 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.

Additional product features

- **HP Fast Charge:** Go from 0 to 50% charge in approximately 30 minutes.[72]
- **Qualcomm® FastConnect™ 6900 Wi-Fi 6E Dual Band Simultaneous and Bluetooth® 5.3:** Unlock unprecedented wireless performance with Qualcomm Wi-Fi 6E technology and Bluetooth® 5.3 wireless card. Harness the power of 6 GHz spectrum for faster speeds and enhanced connectivity.[19c][25][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® NVMe™ SSD storage:** Get up to 15x faster performance than a traditional hard drive.[58b]
- **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:** 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]

Product design

- **Windows Copilot Key:** Help is always at hand. Get fast-access to AI-assistance with the Copilot key.[41]
- **87.8% 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.
- **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]

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 X 14 inch Laptop 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 50% recycled metal in cover, base, keyboard deck, and support plate
- Packaged with 100% sustainably sourced FSC certified, plastic-free packaging
- ENERGY STAR® certified
- EPEAT® Gold 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 Twitter at twitter.com/HPSupport, and Facebook at facebook.com/HPSupport.[9]

HP OmniBook X 14 inch Laptop AI PC 14-fe0023dx

Specifications

Operating system	• **Windows 11 Home**[1]
Processor	• Snapdragon® X Elite X1E-78-100 • 12 cores • Qualcomm® Hexagon™ NPU (45 NPU TOPS)[6c]
Processor speed	• Up to 3.4 GHz[2h]
Memory	• 32 GB LPDDR5x-8448 MT/s (onboard)
Video graphics	• Qualcomm® Adreno™ GPU
Internal storage	• 2 TB PCIe® Gen4 NVMe™ M.2 SSD[15][58b]
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[89d][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, 300 nits, low power, 100% sRGB[20]
Screen to body ratio	• 87.8%[40]
Wireless connectivity	• Qualcomm® FastConnect™ 6900 Wi-Fi 6E (2x2)[19c] Dual Band Simultaneous (DBS) and Bluetooth® 5.3 wireless card[25][26]
Sound	• Poly Studio with dual speakers
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][64] • 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4a, HP Sleep and Charge)[42][50][64] • 1 USB Type-A 10Gbps signaling rate (HP Sleep and Charge)[64] • 1 Headphone/microphone combo
Dimensions	• **Unpackaged:** 12.32 in (W) x 8.8 in (D) x 0.56 in (front) - 0.57 in (hinge) (H) • **Packaged:** 14.96 in (L) x 3.15 in (W) x 11.02 in (H)
Weight	• **Unpackaged:** 2.97 lb[76] • **Packaged:** 5.40 lb
Security	• Camera privacy shutter • Mic mute key
Power	• 3-cell, 59 Wh Li-ion polymer battery[21] • 65 W USB Type-C® power adapter[42]
Battery life	• Up to 26 hours and 15 minutes (video playback)[75] • Up to 22 hours (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

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	• **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.
Partner offers	• **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]
Work and lifestyle	• **AI Noise Removal:** Artificial intelligence technology automatically removes background noise for clearer than ever video chats, audio calls, and recordings. • **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. • **Microsoft Phone Link:** Experience seamless device synchronization with Microsoft. Sync your smartphone to your Windows computer for enhanced productivity and convenience.[17] • **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] • **Windows Studio Effects:** No need for extra lights, expensive lenses, or sound-proof rooms. Windows Studio Effects automatically improves lighting and cancels noises during video calls—perfect for when presentation matters. • **Copilot in Windows:** Take the friction out of your workflow with personalized assistance and answers relevant to you.[41]

Additional information

Product number	• A5QV6UA#ABA
Ad embargo date	• 10/13/2024
UPC Code	• 198415568861
Country of origin	• China
Pallet information	• **Dimensions:** 47.24 in (L) x 39.37 in (W) x 39.56 in (H) • **Total weight:** 585 lb • **Layers:** 3 • **Products per layer:** 34

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