

HP OmniBook Ultra 14 inch Laptop Next Gen AI PC 14-kg0033dx



Copilot+ PC



Performance never looked so good

Say hello to the OmniBook Ultra—thin, light, and military-grade durable, with an ultra-efficient neural engine and OLED display delivering smart, immersive, cool performance for the AI era.

Product overview

- **Slim enough to go. Strong enough to go further.** Take high performance anywhere in an ultra-thin, ultra-light design built for life on the go. Crafted from forged anodized aluminum with an anti-fingerprint finish and proven tough through 11 MIL-STD tests,⁽⁶⁹⁾ it delivers rugged durability without the weight. With all-day battery life and fast charge you stay powered up.⁽⁷⁵⁾
- **Ultra-cool efficiency. Powered by you.** Take creativity and productivity into the next era with ultimate efficiency from premium-tier Snapdragon X2 processor—delivering up to 85 trillion NPU operations per second.⁽⁶⁴⁾ Run AI tasks concurrently and multitask seamlessly with Copilot+—all while OmniBook's first compact vapor chamber keeps performance cool and you at your best.
- **Smarter tools. Sharper you.** Unlock your potential with intelligent features that adapt to how you work and create. Bring ideas to life on a brilliant display, collaborate with an AI-powered FHD camera, and stay immersed with AI noise reduction and quad speakers. Smart Dimming and Posture Detection keep you comfortable and performing at your best.
- **Built for a better tomorrow:** Designed using recycled aluminum and post-consumer recycled plastics. The EPEAT® Gold with Climate+ and ENERGY STAR® certified design highlights our commitment to reducing environmental impact while achieving exceptional energy efficiency.⁽²⁷⁾⁽⁶²⁾

Key specifications

- **Operating system:** Windows 11 Home⁽¹⁾
- **Processor:** Snapdragon® X2 Elite X2E-90-100⁽²⁴⁾
- **NPU:** Qualcomm® Hexagon™ NPU (85 NPU TOPS)⁽⁶⁴⁾
- **Display:** 14-inch diagonal, 3K (2880 x 1800), OLED, multitouch-enabled, up to 120 Hz, 0.2 ms response time, UWVA, edge-to-edge glass, micro-edge, Corning® Gorilla® Glass 3, Low Blue Light
- **Memory:** 32 GB LPDDR5x-9523 MT/s (onboard)
- **Internal storage:** 1 TB PCIe® Gen5 NVMe™ M.2 SSD⁽¹⁵⁾
- **Graphics:** Qualcomm® Adreno™ GPU
- **Sound:** Poly Studio with quad speakers
- **Wireless:** Qualcomm® FastConnect™ 7800 Wi-Fi 7 (2x2) and Bluetooth® 5.4 wireless card^{(25)(a)(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^{(89)(89b)}
- **Product weight:** 2.83 lb⁽⁷⁶⁾
- **Keyboard:** Full-size, backlit, darker stone blue opaque 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+ PC Experiences:** Brilliant new AI features designed to take your day from ordinary to extraordinary.⁽⁴¹⁾⁽⁴⁾
- **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⁾
- **Snapdragon® X2 Elite 18-core processor:** Enjoy premium performance and multi-day battery life.⁽⁸⁵⁾⁽⁴⁾ Effortlessly multitask, browse, stream, and run next-gen AI apps. Provides for a thin and light PC design built for powerful productivity and immersive entertainment.
- **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.
- **3K OLED touchscreen:** With technology that lights each pixel separately, an OLED display brings deeper blacks for richer contrast, enhanced color depth, and more power efficiency than traditional LED screens. 2880 x 1800 resolution delivers stunning details and lifelike colors.
- **Corning® Gorilla® Glass 3:** Enhance your device's endurance with Corning® Gorilla® Glass 3, engineered for unparalleled scratch resistance. Helps reduce accidental damage with strong, more durable protection than most displays.
- **VESA Certified DisplayHDR™ True Black 1000:** Elevate your viewing experience with ultra-deep blacks, vibrant colors, and 1000 nits peak brightness delivering high contrast and immersive visuals for entertainment and content creation.⁽³⁶⁾
- **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.

Additional product features

- **HP Fast Charge:** Go from 0 to 50% charge in approximately 45 minutes.⁽⁷⁸⁾
- **Qualcomm® FastConnect™ 7800 Wi-Fi 7 High Band Simultaneous:** Unleash lightning fast wireless connectivity with Qualcomm Wi-Fi 7 chips & technology, delivering next generation speeds and seamless connectivity for a superior internet experience.⁽¹⁹⁾⁽⁴⁾
- **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.⁽⁸⁹⁾⁽⁴⁾
- **PCIe® Gen5 NVMe™ M.2 SSD:** Experience next-gen speed with PCIe® Gen5, up to 2x faster than PCIe® Gen4. Fast load times, smooth data transfers, and dependable performance for work, play, and everything in between.
- **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 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.⁽⁸⁵⁾⁽⁴⁾

Product design

- **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.

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⁽⁶³⁾⁽⁴⁾
 - Top cover, base, keyboard deck and hinge caps contain recycled metal⁽⁶³⁾⁽⁴⁾
 - Keyboard plate, keycaps and scissiors contain post-consumer recycled materials⁽⁶³⁾⁽⁴⁾
- HP's outer boxes and fiber cushions used in packaging are 100% sustainably sourced and recyclable⁽⁶³⁾⁽⁴⁾
- 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.⁽⁵⁴⁾
- **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⁾



poly studio

Specifications

Operating system	• Windows 11 Home ⁽¹⁾
Processor	• Snapdragon® X2 Elite X2E-90-100 (up to 5.0 GHz, 18 cores) ^(2a)
NPU	• Qualcomm™ Hexagon™ NPU (85 NPU TOPS) ^(6c)
Memory	• 32 GB LPDDR5x-9523 MT/s (onboard)
Video graphics	• Qualcomm® Adreno™ GPU
Internal storage	• 1 TB PCIe® Gen5 NVMe™ M.2 SSD ⁽¹⁵⁾
Finish and features	• Top cover: stone blue aluminum with a sandblasted finish • Keyboard deck: stone blue aluminum with a sandblasted finish
Camera	• 5MP IR camera with HDR auto switch, temporal noise reduction and integrated dual array digital microphones ⁽⁸⁹⁾⁽⁹⁰⁾
Display	• 14-inch diagonal, 3K (2880 x 1800), OLED, multitouch-enabled, up to 120 Hz, 0.2 ms response time, UWVA, edge-to-edge glass, micro-edge, Corning® Gorilla® Glass 3, Low Blue Light, SDR 500 nits, HDR 1100 nits, 100% DCI-P3, 1,000,000:1 ⁽²⁰⁾ • Variable Refresh Rate support
Screen to body ratio	• 91 % ^(40d)
Wireless	• Qualcomm® FastConnect™ 7800 Wi-Fi 7 (2x2) and Bluetooth® 5.4 wireless card ^{(25a)(26)}
Sound	• Poly Studio with quad speakers
Integrated keyboard	• Full-size, backlit, darker stone blue opaque keyboard • Haptic touchpad
External notebook ports	• 3 USB Type-C® 40Gbps signaling rate (USB Power Delivery 3.1, DisplayPort™ 1.4, HP Sleep and Charge) ⁽⁴²⁾⁽⁵⁰⁾ • 1 Headphone/microphone combo
Dimensions	• Unpackaged: 12.25 in (W) x 8.49 in (D) x 0.42 in (H) ^(76a) • Front height is measured at 0.29 in, rear height is measured at 0.42 in, and maximum height is measured at 0.55 in. • Packaged: 18.03 in (L) x 2.48 in (W) x 11.02 in (H)
Weight	• Unpackaged: 2.83 lb ^(76b) • Packaged: 4.87 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⁾
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	<ul style="list-style-type: none"> • Click to Do (preview): Tap, click, done—Faster actions, less thinking. Increase productivity and creativity with instant actions on screen-recognized text and images.^(14a) • 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.^(14a) • 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.^(14a) • 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.^(14a)
-------------------------	---

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. Qualcomm's numbering is not a measurement of clock speed. ^(6c) 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 interfering 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. ⁽¹⁵⁾ Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content. ^(15a) 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](https://www.dropbox.com). Internet service required and not included. ⁽²³⁾ HP BIOS Protection works with Windows 11 that ships with your PC. ^(25a) Bluetooth® 5.4 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.4 will function as Bluetooth® 5.3 or lower. ⁽²⁶⁾ 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 ⁽³⁶⁾ DisplayHDR™ is the high-performance Monitor and Display Compliance Test Specification from VESA signifying HDR (High Dynamic Range) quality. See displayhdr.org for more details. ^(40d) 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/copilotpluspc ⁽⁴²⁾ USB Type-C® and USB-C® are trademarks of USB Implementers Forum. ⁽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. ^(60a) 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. ^(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 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. ⁽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 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 adapter 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. ^(85c) Based on up to 30+ hours of 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. ^(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 transferrable. 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. ^(89d) 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 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. 02/3/2026_r2 kc

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.
Security and protection	<ul style="list-style-type: none"> • 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⁾ • 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	<ul style="list-style-type: none"> • 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.^(89b) • 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.⁽⁹²⁾⁽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	<ul style="list-style-type: none"> • Smart Sense: Minimize interruptions and maximize productivity. AI-driven technology that optimizes PC performance, fan noise, and cooling preferences, helping you stay focused on your tasks without distractions. • Dynamic Wallpaper: Bring your PC to life with dynamic wallpapers that move with your mood and match your style.
Work and lifestyle	<ul style="list-style-type: none"> • 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. • Copilot+ PC Experiences: Brilliant new AI features designed to enrich your everyday life. Transform mundane tasks from ordinary to extraordinary. Save time, make plans, be more creative. Now, you never have to miss a beat.^(41a) • Gestures: Effortlessly scroll, navigate and adjust volume using intuitive hand gestures. Simplify content interaction for a seamless AI experience. • Posture Detection: Maintain good posture with real-time reminders that keep you aligned and focused.
Gaming and entertainment	• 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	• D32V6U#ABA
Ad embargo date	• 03/29/2026
UPC Code	• 199896432009
Country of origin	• China, Vietnam
Pallet information	<ul style="list-style-type: none"> • Dimensions: 47.24 in (L) x 39.37 in (W) x 39.56 in (H) • Total weight: 589.18 lb • Layers: 3 • Products per layer: 38

