

HP OmniBook X 16 inch Laptop Next Gen AI PC 16-cp1013dx



Copilot+ PC



Advanced AI performance and beyond-all-day battery life

Powered by a Snapdragon® X2 Elite processor, the HP OmniBook X 16 PC combines intelligent performance, incredible battery life, and a slim design that travels effortlessly—so you can stay productive anywhere, all day long.

Product overview

- **Leave your charger at home:** Engineered for efficiency, even with heavy multitasking and intensive workloads, the HP OmniBook X PC has an incredible battery life so you can leave your charger at home. When the battery runs low, HP Fast Charge quickly restores its battery power.
- **Powerful inside. Sleek on the outside.** Powered by a Snapdragon® X2 Elite processor and a dedicated AI engine that boosts speed and efficiency, combining advanced performance with an ultra-thin profile. It's designed to keep up with your on-the-go lifestyle.
- **Vibrant images with 2K OLED display:** Enjoy a stunning audio-visual experience. The 2K OLED touch display with a micro-edge design delivers vibrant colors, deep contrast, and responsive touch. HP Eye Ease helps reduce eye strain during long viewing sessions. Pitch perfect audio tuned by Poly Studio, dual speakers with HP Audio Boost create immersive, high-quality sound, while the HP True Vision FHD IR camera with Windows Hello and a camera privacy shutter ensures you always look your best—and stay secure—on video calls.
- **Built for a better tomorrow:** Designed using recycled metals and post-consumer recycled plastics to reduce environmental impact and promote superb energy efficiency. It is EPEAT Gold with Climate+ and ENERGY STAR® certified.⁽²⁷⁾⁽⁶²⁾

Key specifications

- **Operating system:** Windows 11 Home⁽¹⁾
- **Processor:** Snapdragon® X2 Elite X2E-84-100^(2e)
- **NPU:** Qualcomm® Hexagon™ NPU (85 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:** 24 GB LPDDR5x-8448 MT/s (onboard)
- **Internal storage:** 512 GB PCIe® Gen4 NVMe™ M.2 SSD⁽¹⁵⁾
- **Graphics:** Qualcomm® Adreno™ GPU
- **Battery life:**
 - Up to 34 hours and 30 minutes (video playback)⁽⁷⁵⁾
 - Up to 23 hours and 15 minutes (wireless streaming)⁽⁸⁰⁾
- **Sound:** Poly Studio with dual speakers
- **Wireless:** Qualcomm® FastConnect™ C7700 Wi-Fi 7 (2x2) and Bluetooth® 6.0 wireless card^{(25b)(26)}
- **Security:** Camera privacy shutter, Mic mute key
- **Camera:** HP True Vision 1080p FHD IR camera with temporal noise reduction and integrated dual array digital microphones^{(89)(90a)}
- **Product weight:** 3.83 lb⁽⁷⁶⁾
- **Keyboard:** Full-size, backlit, darker deep espresso 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.^(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⁾
- **Snapdragon® X2 Elite processor:** Enjoy premium performance and multi-day battery life.^(85d) 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.
- **2K OLED touchscreen:** Experience rich colors and crisp visuals for your everyday productivity with an OLED touch display, 1920x1200 resolution, and up to 300 nits of brightness.⁽²⁰⁾
- **16:10 aspect ratio:** Lets you see more of your content with less scrolling.
- **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™ C7700 Wi-Fi 7 and Bluetooth® 6.0 wireless card:** Experience lightning-fast Wi-Fi 7 speeds and ultra-low latency for rock-solid wireless connections. Built-in Bluetooth® 6.0 support means your audio devices, peripherals, and smart gear pair seamlessly—no compromises.^{(19a)(25b)(26)}
- **HP True Vision 1080p FHD IR camera:** Video chat with peace of mind with a privacy camera you can close when not in use. The infrared sensor gives you the added security of Windows Hello, for a safer way to log in to your computer.⁽⁸⁹⁾
- **PCIe® Gen4 NVMe™ M.2 SSD:** With high-speed data transfer, the PCIe® Gen4 NVMe™ M.2 SSD offers fast speed and efficient storage.
- **HP Audio Boost 2.0:** Powered by Smart Amp technology provides you loud, rich, and dynamic sound.
- **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.
- **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

- **91% 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.
- **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 and foldable prongs for easy travel.⁽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^(63d)
 - Top cover and base contain recycled metal^(63d)
 - Keyboard plate, keycaps and scissors contain post-consumer recycled materials^(63a)
- 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>.⁽⁸⁾
- **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⁾



Specifications

Operating system	• Windows 11 Home ⁽¹⁾
Processor	• Snapdragon® X2 Elite X2E-84-100 (up to 4.7 GHz, 12 cores) ^(2a)
NPU	• Qualcomm™ Hexagon™ NPU (85 NPU TOPS) ^(6d)
Memory	• 24 GB LPDDR5x-8448 MT/s (onboard)
Video graphics	• Qualcomm® Adreno™ GPU
Internal storage	• 512 GB PCIe® Gen4 NVMe™ M.2 SSD ⁽¹³⁾
Finish and features	• Top cover: deep espresso aluminum with a sandblasted anodized finish • Keyboard deck: deep espresso
Camera	• HP True Vision 1080p FHD IR camera with temporal noise reduction and integrated dual array digital microphones ⁽⁹⁾⁽⁹⁾⁽⁹⁾
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% ^(80d)
Wireless	• Qualcomm® FastConnect™ C7700 Wi-Fi 7 (2x2) and Bluetooth® 6.0 wireless card ⁽²⁾⁽⁵⁰⁾⁽²⁶⁾
Sound	• Poly Studio with dual speakers
Integrated keyboard	• Full-size, backlit, darker deep espresso opaque keyboard • HP Imagepad
External notebook ports	• 2 USB Type-C® 10Gbps signaling rate (USB Power Delivery 3.0, DisplayPort™ 1.4a, HP Sleep and Charge) ^{(4)(2)(50)(6d)} • 1 USB Type-A 10Gbps signaling rate • 1 Headphone/microphone combo
Dimensions	• Unpackaged: 13.98 in (W) x 9.65 in (D) x 0.52 in (H) ^{(7)(6a)} • Front height is measured at 0.41 in, rear height is measured at 0.52 in, and maximum height is measured at 0.64 in. • Packaged: 18.62 in (L) x 2.48 in (W) x 12.01 in (H)
Weight	• Unpackaged: 3.83 lb ⁽⁷⁾⁽⁶⁾ • Packaged: 5.55 lb
Security	• Camera privacy shutter • Mic mute key
Power	• 3-cell, 59 Wh Li-ion polymer ⁽²¹⁾ • 65 W USB Type-C® GaN power adapter ⁽⁴²⁾
Battery life	• Up to 34 hours and 30 minutes (video playback) ⁽⁷⁾⁽⁵⁾ • Up to 23 hours and 15 minutes (wireless streaming) ⁽⁸⁾⁽⁹⁾
Warranty and support	• 1-year limited hardware warranty. Additional information available at www.support.hp.com ⁽⁸⁾ • 1-year limited technical support for software and initial setup (from date of purchase) ⁽⁵⁾⁽³⁾

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. ^{(4)(1a)} • 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. ^{(4)(1a)} • 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. ^{(4)(1a)} • 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. ^{(4)(1a)}
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⁽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. ^(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 90 days 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. ^(25b) Bluetooth® 6.0 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 6.0 will function as Bluetooth® 5.4 or lower. ⁽²⁶⁾ Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license. ⁽²⁷⁾ Based on U.S. EPEAT registration according to the EPEAT criteria. EPEAT registered where applicable, tier levels may vary by country. See www.epeat.net for registration status and tier levels by country. ^(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/copilotpluspcs ⁽⁴²⁾ USB Type-C® and USB-B® 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. ⁽⁵⁸⁾ 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. ^(63d) Percentage of recycled metal varies by product. ^(63a) 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. ^(63b) 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. ⁽⁷²⁾ Recharges your battery up to 50% within 30 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://hp.com/store>). After charging has reached 50% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to system tolerance. ⁽⁷³⁾ Performance and compatibility may vary by device. Subject to change without notice. ⁽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 variations. ^(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. ⁽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. ^(85d) 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 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. ^(84a) Additional displays sold separately, not included. 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. 04/30/2026_r5 kc

