HP OmniBook X 17.3 inch Laptop Next Gen AI PC 17-dd0043dx



Copilot+ PC







AI boosted power, rigorously tested, stylishly designed

Backed by military testing, the HP OmniBook X 17.3 inch is the perfect blend of style and performance. Equipped with the latest Al-powered Intel® Core™ Ultra processor, you can fuel your creativity and make it more efficient with Al personalization.

Product overview

- Engineered for above and beyond reliability: Precisely engineered for reliability, designed and tested to go above and beyond. It's passed rigorous MIL-STD 810H US military-grade standard testing^(cg) and withstands everything from shocks to drops to extreme temps, to deliver you peace of mind and lower cost of ownership.
- With more power, comes greater creativity: Powered by AI, the latest intel® core™ Ultra 9 processor with a dedicated AI engine, up to 48 TOPS^(co), this PC has the performance you need for all your intensive creations. With the assistance and personalization of Copilot+^(cl) PC experiences, your workloads are streamlined and optimized.

 Comfort wherever you create: Create and work in comfort from anywhere. Designed for increased readability and
- comfortable typing with a large 17.3 inch touch display, [24] modernized back-lit keyboard and number pad, with large keycaps. With the 5MP camera and Al tools like Poly Camera Pro and Poly Studio, presentations are optimized for an enhanced experience
- Built for a better tomorrow: HP OmniBook X 17.3 inch Next Gen AI PCs are designed using recycled metals and post-consumer recycled plastics. (63c)(63d) The EPEAT® Gold with Climate+(27d) and ENERGY STAR® certified (62) design highlights our commitment to reducing environmental impact while achieving exceptional energy efficiency.

- Operating system: Windows 11 Home⁽¹⁾
- NPU: Intel® AI Boost (48 NPU TOPS)(6)
- Display: 17.3-inch diagonal, FHD (1920 x 1080), multitouch-enabled, IPS, edge-to-edge glass, micro-edge⁽³⁹⁾
 Memory: 32 GB LPDDR5x-8533 MT/s (onboard)
- Internal storage: 2 TB PCIe® Gen4 NVMeTM M.2 SSD⁽¹⁵⁾
 Graphics: Intel® ArcTM 140V GPU (16GB)^(14b)
- · Sound: Poly Studio with dual speakers
- · Battery life:

Up to 17 hours and 45 minutes (mixed usage)(85a) Up to 25 hours and 30 minutes (video playback)⁽⁷⁵⁾

- Up to 19 hours (wireless streaming)⁽⁸⁰⁾ **Wireless:** Wi-Fi 7 (2x2)^(19d) and Bluetooth® 5.4 wireless card^{(25a)(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)(8 Product weight: 5.41 lb⁽⁷⁶⁾
- Keyboard: Full-size, backlit, soft gray 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.
- 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 Alpowered intelligent assistant with a single press of a button. (41) Intel® Core™ Ultra 9 processor: Work, play and create with unmatched performance with an AI accelerating Intel®
 Core™ Ultra processor. Helpful assistants, instant media generation and collaboration effects to make everything you
- do easier, faster, better, More than a PC, it's an AI PC • Intel® Arc™ graphics: With Intel® Arc™ graphics built-in, Al powers advanced creation and gameplay. Enjoy the high
- performance needed for accelerated creation and immersive high-resolution gaming, even while on-the-go.

 FHD IPS touchscreen: Always see your content at its best with 178-degree wide-viewing angles, Full High Definition
- and a vibrant picture. And with touchscreen technology, you can control your PC right from the screen. (39)

 100% sRGB: Showcase your creations in all their colors on the 100% sRGB display for maximum color broadness and
- HP Fast Charge: Go from 0 to 50% charge in approximately 45 minutes. (78)

Additional product features

- Wi-Fi 7 and Bluetooth® 5.4 wireless card: Stay connected on the go at warp speed. Quantum leap in wireless
- performance all-new levels of increased speed and reduced latency with Wi-Fi 7. (19dicEaliZE)

 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. [894]
- 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 Al-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.
- . Try PC Game Pass for free: Play hundreds of high-quality PC games on your new HP device with 3 free months of PC Game Pass – including EA play. With new games being added all the time, there's always something new to play.

- · 86% screen to body ratio: Revolutionize your display and see more of what you love with this slim bezel design. Enjoy nersive 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.

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 keycaps and scissors contain post-consumer recycled plastic (63)
- 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^(27a)

Warranty and support

Our Customer Support Team consistently provides quick, responsive assistance in the U.S., Canada and Latin America.

- 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.
- 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 9 288V ⁽²⁾ R-Core			
	Intel® Al Boost (48 NPU TOPS) ^(6c)			
Processor speed	Up to 5.1 GHz with Intel® Turbo Boost Technology ^{2,gj}			
Processor cache	• 12 MB L3 cache			
Memory	32 GB LPDDR5x-8533 MT/s (onboard)			
Video graphics	Intel® Arc™ 140V GPU (16GB) ^(14b)			
Internal storage	2 TB PCIe® Gen4 NVMe™ M.2 SSD ⁽¹⁵⁾			
Finish and features	Top cover: glacier silver aluminum with a sandblasted anodized finish Keyboard deck: glacier silver aluminum with a sandblasted anodized finish			
Camera	 5MP IR camera with HDR auto switch, temporal noise reduction and integrated dual array digital microphones⁽⁸⁰⁾⁽⁸⁰⁾⁽⁶⁾ 			
Display	17.3-inch diagonal, FHD (1920 x 1080), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, 400 nits, 100% sRGB ⁽²⁰⁾⁽³⁾⁾			
Screen to body ratio	• 86% ^(ACI)			
Wireless	Wi-Fi 7 (2x2) ^{(19)d} and Bluetooth® 5.4 wireless card ^{(25)d} (26)			
Sound	Poly Studio with dual speakers DTS: X* Ultra			
Integrated keyboard	Full-size, backlit, soft gray keyboard with numeric keypad HP Imagepad			
External notebook ports	Thunderbok** 4 with USB Type-(* 4060ps signaling rate (USB Power Delivery 3.1, DisplayPort** 2.1, HP Steep and Charge)*405885864 1. USB Type-(*)*106ps signaling rate (USB Power Delivery 3.1, DisplayPort** 1.4a, HP Steep and Charge)*405885864 3. USB Type-(*)*106ps signaling rate (USB Power Delivery 3.1, DisplayPort** 1.4a, HP Steep and Charge)*405885864 3. USB Type-(*)*106ps signaling rate (USB Power Delivery 3.1, DisplayPort** 1.4a, HP Steep and Charge)*405885864 1. Head-phone/microphone combo 1. He			
Dimensions	Unpackaged: 15.59 in (W) x 10.18 in (D) x 0.60 in (H) ^{TMA} Front height is measured at 0.46 in, rear height is measured at 0.50 in, and maximum height is measured at 0.78 in. Packaged: 18.15 in (D x 3.51 in (W) x 1.79 in (H)			
Weight	Unpackaged: 5.41 lb ^{D(b)} Packaged: 5.0 lb			
Security	Camera privacy shutter Mic mute key			
Power	6-cell, 83 Wh LI-ion polymer battery ^(2:1) 65 W USB Type-C [®] power adapter ⁽⁴²⁾			
Battery life	Up to 17 hours and 45 minutes (mixed usage) ^{BSQ} Up to 25 hours and 30 minutes (wide o playback)(^{PSQ} Up to 25 hours and 30 minutes (wide o playback)(^{PSQ} Up to 19 hours (wideses streaming) ^{BSQ}			
Warranty and support	1-year limited hardware warranty. Additional information available at www.support.hp.com ^(N) 1-year limited technical support for software and initial setup (from date of purchase)(SN)			

- Click to Do (preview): Tap, click, done—faster actions, less thinking. Increase productivity and creativity with Click to Do (preview) instant actions on screeognized text and images. (414)
- ke your photos feel untouched yet upgraded. Add new details to photos without a trace using generative fill. It's like it was there all a omework? Recipe? YouTube video? Fly back in time to get right back to where you were on your PC. Drop a hint, and Recall (preview) wil
- rmagic.file)
 search: Skip the scavenger hunt just type what you remember and improved Windows search delivers. Docs, settings, or images? Use File
 learch, or Settings Search, ^{en al}
 our Al companion for instant answers and secure file analysis. Analyze sensitive files, query on the got, and seamlessly call on the intelligence
 are the File.

- ing smoothly.

 Inguippert Assistant: Included with your computer, this free self-help tool makes it easier than ever to get help with your HPPC and printers. (MI

 1005 Protections: Get peace of mind knowing your PC 810'S is protected. HP 810'S Protection automatically checks its health and recovers itself. (Fill

 1005 Protections: Get peace of mind knowing your PC 810'S is protected. HP 810'S Protection automatically checks to health and recovers itself. (Fill

 1005 Protections: Get peace of mind knowing your PC. solving power and getting back to work ky, Easy access with a safe (Get China Protection). (A), Easy access with a safe (Get China Protection). quickly, Easy access with a single cick from myle?"

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 HP Connection Optimizer: Get consistent and reliable Wi-Fi performance with software that automatically switches between the m points.**

 Battery Manager: Improve battery lifespan with Battery Manager. Reduces wear and continu
- Nicrosoft Capilet: Microsoft Capilet gives you intelligent answers. Access with just the touch of the Capilet key. **II
 **Advanced All Noise reduction: Finity cleare team conversations with All Noise reduction. Using the Advanced Personal Mode, it tracks only your voice during ordering capital with automatically filtering or noises and other species for districtively founded communications.

 Poly Camera Pre: Elevate your video calls with All from any camera connected or ehrance verbush interactions, customizable settings and professional grafetanters across all collaboration and streaming apps, without scartdings performance or otherstey. ing of the whole family. Manage reminders for halanced productivity and
 - Screen Distance and Screen Time: Offers a cust encourage proper posture while minimizing eyes

 - DTS: X® Ultra technology: By producing au the best entertainment experience possible.
 OMEN Gaming Hub: Your one place for ever

Additional inform

Product number	• C33WSUA#ABA
Ad embargo date	• 08/31/2025
UPC Code	• 199485448466
Country of origin	China
Pallet information	- Dimensions: 47.24 in (t) x 39.37 in (W) x 42.29 in (H) - Total weight: 706 lb

Learn more at hp.com

www.windows.com. (20) 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. Intel's numbering, branding and/or naming is not a measurement of higher performance. Intel, Pentium, Intel Core Celeron, Iris X*, Intel logo and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries. (Qu) Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See intel.com/technology/turboboost for more information. GHz refers to internal clock speed of the processor. Other factors besides clock speed may impact system and application performance (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 inferencing performance varies by use, configuration, software and other factors. (a) 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. (8b) Internet access required and not included. McAfee is preinstalled on your PC and an account is required for activation. Subscription renewal required after trial period. See website https://www.mcafee.com/en-us/consumer support/policy/legal.html#webtos for cancellation, terms and offer details. (3) Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. (145) Intel® Arc™ Graphics capabilities require system to be configured with Intel® Core™ Ultra processors with dual channel memory and at least 16GB memory. Intel® Arc™ Graphics with Intel® Core™ Ultra processors with single channel memory will only function as Intel® Graphics brand. [19] Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content. [19] 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-Fi7 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 a lattery late a part of the propose 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. (24) Display measured diagonally. (253) Bluetooth® 5.4 operation requires Microsoft OS/Chrome OS support. Intil 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] See www.epeat.net for registration status and tier levels by country. ^[39] Full High Definition (FHD) content is required to view FHD images. ^[40] Percent of active plus nonactive viewing area to active viewing area plus border Measure with lid vertical to the desk. (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-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. (51) Thunderbolt is a trademark of Intel Corporation or its subsidiaries in the U.S. and/or 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. (60) Subscription continues automatically at regular monthly price unless cancelled. Subject to xbox.com/subscriptionterms. Terms and exclusions apply. Game catalog varies over time, by region, and by device. All rights reserved. Xbox.com/pcgamepass, ea.com/ea-play/terms. Three month trial for devices purchased after October 2024. Microsoft account required. Offers available in select regions only. Credit card required. After promotional period, subscription automatically continues at the then-current regular price (subject to change), unless cancelled, plus applicable taxes. For cancellation details, see xbox.com/ cancel. For complete details see terms and conditions xbox.com/en-US/xbox-game-pass?msockid=3f8c879b624a6bb10ac4924e63d86a01. (62) ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. (63d) Percentage of ocean-bound plastic contained in each component varies by product. (63d) Percentage of recycled metal varies by product. (63d) Dercentage of recycled metal varies by product. 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. (63) Keyboard components contain post-consumer recycled plastic. Percentage of post consumer recycled contained 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. (73) 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. (**Delivers and usage.** Weight and system dimensions may fluctuate due to configuration and manufacturing variances. (**Delivers** 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. (**T**) See URL for more details. https://learn.microsoft.com/en-us/windows-hardware/design/device-experiences/sensors-presence-sensing (**Delivers**) Presences are supported by the configuration and manufacturing variances. (**Delivers**) Provided by the configuration and manufacturing variances. (**De 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. (79) HP AI Companion is available preloaded on select HP next gen AI PCs or is available for download from the Microsoft store and requires a HP next gen AI PC with a NPU supporting 40-60 TOPS, with 16GB or more of storage, and requires Windows 11. Perform requires account set up within 30 days of PC boot or enrollment through the HP AI Companion app. Some features require customer upload of local data. Ten (10) library 100MB limit each, supported files may vary and at launch include pdf, txt., docx files. (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. [85a] MobileMark 25 battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See bapco.com/products/mobilemark-25/ for additional details. (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. 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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. 06/17/2025_r1 kc

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