HP OmniBook 3 17.3 inch Laptop AI PC 17-dg0099nr







Built for your everyday

Simplify your day and enjoy smooth performance, a spacious display, and all-day battery life. AI-enhanced video call features and multiple ports helps you stay connected and get more done, wherever your day takes you.

Product overview

- **All day performance:** Stay productive and entertained all day with an AI-enhanced laptop powered by the latest Intel® Core™ processor. Whether you're browsing, streaming, or joining video calls with AI-enhanced features, enjoy smooth performance with all-day battery life.[75]
- **See more, do more:** Experience more freedom with a spacious 17.3 inch display, perfect for streaming or work.[24] The expansive screen gives you sharp visuals and extra space to see more and scroll less. Whether you're streaming, editing, or multitasking, the large display enhances your experience with visuals that make every detail stand out.
- **Designed for your daily tasks:** Handle everything from work and school to streaming and video calls on a 17.3 inch laptop built for everyday use. Packed with essential ports to connect external displays and peripherals, a numeric keypad for faster typing and calculations, a gesture touchpad for smooth control of volume and brightness settings at your fingertips, and FHD camera featuring HDR auto-switch ensures clear video calls, even in challenging backlight conditions.
- **Built for a better tomorrow:** The EPEAT Silver 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:** Intel® Core™ Ultra 5 225U[2b]
- **NPU:** Intel® AI Boost (12 NPU TOPS)[6c]
- **Display:** 17.3-inch diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare[39]
- **Memory:** 8 GB
- **Internal storage:** 512 GB PCIe® Gen4 NVMe™ M.2 SSD[15]
- **Graphics:** Intel® Graphics[14]
- **Battery life:**
  Up to 10 hours (mixed usage)[85d]
  Up to 16 hours and 15 minutes (video playback)[75]
  Up to 8 hours and 45 minutes (wireless streaming)[80]
- **Wireless:** Wi-Fi 6 (2x2)[19e] and Bluetooth® 5.4 wireless card[25a][26]
- **Security:** Camera privacy shutter, Mic mute key
- **Camera:** 1080P FHD camera with HDR auto switch, temporal noise reduction and integrated dual array digital microphones[89][89b]
- **Product weight:** 4.43 lb[76]
- **Keyboard:** Full-size, backlit, canvas 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.[1]
- **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]
- **Intel® Core™ Ultra 5 225U processor:** Push on the go AI acceleration and graphics to new heights with an Intel® Core Ultra processor. Scaled performance for immersive gaming, fluent creation and all-day productivity on your sleek devices.
- **Intel® graphics:** Stream your favorite shows, hop on video calls, and scroll through photo edits. All with smooth, responsive visuals. Built-in Intel® graphics handle everyday entertainment and multitasking with ease.
- **Full HD IPS display:** Enjoy vibrant, crystal-clear images with 178° wide-viewing angles.[39]
- **Anti-glare panel:** Non-reflective and low gloss means you'll get less glare while you're outside.
- **HP Fast Charge:** Go from 0 to 50% charge in approximately 45 minutes.[78]
- **Effortlessly connected:** Enjoy faster speeds, improved performance and greater capacity with Wi-Fi 6 and Bluetooth® 5.4 wireless card.[19e][25a][26]

Additional product features

- **PCIe® Gen4 NVMe™ M.2 SSD:** With high-speed data transfer, the PCIe® Gen4 NVMe™ M.2 SSD offers fast speed and efficient storage.
- **FHD camera with HDR auto-switch:** Deliver smooth and detailed FHD video calls with an HDR auto-switch[89d] that balances contrast and color, even in challenging backlight conditions. While temporal noise reduction and dual digital mics ensure clear and crisp audio.
- **PC Game Pass 3-month trial:** Enjoy 3 months of PC Game Pass — free with your new Laptop PC. With new games added all the time, there's always something new to play.[60a]

Product design

- **Camera shutter:** Stay secure with a physical camera shutter. Video chat with peace of mind with a privacy camera you can close when not in use.
- **Microphone mute:** Enjoy greater peace of mind and the convenience of a dedicated microphone mute button that you can easily activate and know it's on or off with an LED indicator light.
- **Backlit keyboard with integrated numeric pad:** Keep going comfortably even in darker environments.
- **HP 65W USB Type-C® GaN laptop charger:** Experience smarter charging with our advanced GaN power adapter. Built for higher efficiency to deliver fast and reliable power wherever you are – home, work, or on the go.[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:
  · Keyboard plate, keycaps and scissor mechanism contain post-consumer recycled materials[63k]
  · Keyboard bracket contain recycled metal[63d]
- HP's outer boxes and fiber cushions used in packaging are 100% sustainably sourced and recyclable.[63e]
- ENERGY STAR® certified[62]
- EPEAT Silver with Climate+[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:** Complimentary limited technical support including initial setup support, is available from HP via multiple contact methods for 90 (ninety) days from date of purchase.

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 X at x.com/HPSupport, and Facebook at facebook.com/HPSupport.[9]

Extend your coverage:
- **SmartFriend, part of HP Care:** Experts are available 24/7 to handle any tech issue, on any device, from any brand. Visit www.hp.com/go/smartfriend to learn more or call toll-free 1-844-814-1800 to get started.[95]
- **Care Packs, part of HP Care:** Extend protection beyond the standard limited warranty. For more info, visit www.hp.com/go/carepack-services or call toll-free at 1-877-232-8009.[83]

Specifications

Operating system	• **Windows 11 Home**[1]
Processor	• Intel® Core™ Ultra 5 225U (up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 12 cores, 14 threads)[2b][2g]
NPU	• Intel® AI Boost (12 NPU TOPS)[6c]
Memory	• 8 GB
Video graphics	• Intel® Graphics[14]
Internal storage	• 512 GB PCIe® Gen4 NVMe™ M.2 SSD[15]
Finish and features	• Top cover: glacier silver with a matte finish • Keyboard deck: glacier silver with a matte finish
Camera	• 1080P FHD camera with HDR auto switch, temporal noise reduction and integrated dual array digital microphones[89][89b]
Display	• 17.3-inch diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 300 nits, 62.5% sRGB[20][39]
Screen to body ratio	• 88%[40d]
Wireless	• Wi-Fi 6 (2x2)[19e] and Bluetooth® 5.4 wireless card[25a][26]
Sound	• Dual speakers
Integrated keyboard	• Full-size, backlit, canvas gray keyboard with numeric keypad • HP Imagepad
External notebook ports	• 2 USB Type-C® 10Gbps signaling rate (USB Power Delivery 3.1, DisplayPort™ 1.4, HP Sleep and Charge)[42][50][64] • 2 USB Type-A 5Gbps signaling rate • 1 Headphone/microphone combo • 1 HDMI 2.1
Dimensions	• **Unpackaged:** 15.65 in (W) x 10.09 in (D) x 0.65 in (H)[76a] • Front height is measured at 0.47 in, rear height is measured at 0.65 in, and maximum height is measured at 0.76 in. • **Packaged:** 22.32 in (L) x 2.48 in (W) x 12.99 in (H)
Weight	• **Unpackaged:** 4.43 lb[76] • **Packaged:** 6.6 lb
Security	• Camera privacy shutter • Mic mute key
Power	• 3-cell, 41 Wh Li-ion polymer[21] • 65 W USB Type-C® GaN power adapter[42]
Battery life	• Up to 10 hours (mixed usage)[85d] • Up to 16 hours and 15 minutes (video playback)[75] • Up to 8 hours and 45 minutes (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

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. • **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]
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] • **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	• **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.[8][9] • **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.[9][22] • **"Find My HP" with Absolute Software:** Track your laptop anywhere with geolocation—locate, lock, and recover your device anytime, anywhere, for total protection with a "Find my HP" 30-day trial.[49] • **PC Game Pass 3-month trial:** Enjoy 3 months of PC Game Pass. Free with your new HP Laptop PC.[60a]
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] • **Battery Manager:** Improves battery lifespan and reduces wear. Continually protects optimum battery capacity.
Work and lifestyle	• **Microsoft Copilot:** Microsoft Copilot gives you intelligent answers. Access with just the touch of the Copilot key.[41] • **Advanced AI Noise reduction:** Enjoy clearer team conversations. Using the Advanced Personal Mode, it tracks only your voice during conference calls while automatically filtering out noises and other speakers for distinctively focused communications. • **Smart Display with Screen Shift and Task Group features:** Seamless multitasking on multiple displays with one-click to shift, snap, and launch windows where you want.[94a]
Gaming and entertainment	• **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. • **OMEN AI:** Provides personalized settings recommendations to achieve the best possible FPS with minimum hassle. • **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	• D5AV2UA#ABA
Ad embargo date	• 05/10/2026
UPC Code	• 199896885195
Country of origin	• China, Thailand
Pallet information	• **Dimensions:** 47.24 in (L) x 39.37 in (W) x 45.47 in (H) • **Total weight:** 628 lb • **Layers:** 3 • **Products per layer:** 30

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. [2b] 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 Xᵉ, Intel logo and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries. [2g] 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. [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. [14] Shared video memory (UMA) uses part of the total system memory for video performance. System memory dedicated to video performance is not available for other use by other programs. [15] Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content. [19e] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. Only available in countries where Wi-Fi 6 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. [24] Display measured diagonally. [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] 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. [39] Full High Definition (FHD) content is required to view FHD images. [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. [42] USB Type-C® and USB-C® are trademarks of USB Implementers Forum. [49] Location accuracy and availability may vary depending on device connectivity, settings, and environmental factors. Absolute Software is not responsible for unauthorized use or circumstances beyond its control. Always comply with applicable laws regarding tracking and privacy. [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] Claim within 30 days of device activation. New and eligible returning members only. Valid payment method required. Subscription continues automatically at regular monthly price unless cancelled. Subject to xbox.com/subscriptionterms. Benefits vary by Xbox Game Pass plan. Terms and Exclusions apply. Game library varies over time, by region, device, and Xbox Game Pass plan.xbox.com/gamepass. For details on partner subscriptions included with PC Game Pass: https://www.ea.com/ea-play/, https://store.ubisoft.com/ubisoftplus/classics. In-game benefits vary by game, region, and over time. Game must be installed to access in-game benefits. [62] ENERGY STAR and the ENERGY STAR logo are registered trademarks owned by the U.S. Environmental Protection Agency. [63d] Percentage of recycled metal varies by product. [63e] 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. [63k] 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. [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 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. [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. [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. [83] Service levels and response times for Care Packs may vary depending on your geographic location. Restrictions and limitations apply. Service starts at date of hardware purchase. HP Care Packs are sold separately. For details, visit hp.com/go/carepack-services. [85d] MobileMark 30 Battery life will vary depending on various factors including product model, configuration, brightness, 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/mobilemark-30/ 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. 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. [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. [94a] Additional displays sold separately, not included. [95] HP SmartFriend will support any major brand of computer and tablet running Microsoft Windows, OSX, iOS, Android, and Chrome OS. 24x7 support is available in English and in the US & Canada (excluding the Province of Quebec) only. Service availability varies by country/region. Internet connection required for remote support. Remote support not available for tablets. Not all service plans cover support for tablets. HP SmartFriend sold separately or as an add-on feature. 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. 07/29/2026_r5 kc