

HP OmniDesk Desktop PC M02-0250



Powerful performance and modern design for daily productivity

The HP OmniDesk PC combines powerful performance and trusted technology to tackle even the most demanding daily tasks with ease. It features the latest ports, a powerful AMD Ryzen™ processor, DDR5 memory support for fast loading times and responsive multitasking, and graphics for immersive visuals.

Product overview

- **Experience seamless performance for all your daily tasks:** The HP OmniDesk PC boasts a powerful AMD Ryzen™ processor that balances performance and graphics for your daily computing needs. Enjoy ample storage, immersive visuals, faster loading times with DDR5 memory, and quick AI Assistant access with the Copilot key⁽⁴¹⁾, ensuring seamless day-to-day productivity on your home PC.
- **Connect all your devices to the latest ports and enjoy seamless multitasking:** The HP OmniDesk PC is packed with the latest ports and keeps you connected for easy multitasking.
- **A modern wood design that complements every space:** The HP OmniDesk PC boasts a modern, gray wood-inspired trim and incorporates recycled materials, making it a thoughtfully crafted PC with powerful performance and effortless technology for everyday productivity.
- **Built for a better tomorrow:** HP OmniDesk PC is designed using recycled metal and post-consumer recycled plastic and is EPEAT® Gold Climate+ Registered, and ENERGY STAR® certified.^{(27a)(62)}

Key specifications

- **Operating system:** Windows 11 Home⁽¹⁾
- **Processor:** AMD Ryzen™ 7 8700G Processor^(2a)
- **NPU:** AMD Ryzen™ AI (16 NPU TOPS)^(6d)
- **Memory:** 32 GB DDR5-5200 MT/s memory⁽³⁾ (2 x 16 GB)
- **Internal storage:** 1 TB PCIe® Gen4 NVMe™ M.2 Solid State Drive⁽¹⁵⁾
- **Graphics:** NVIDIA® GeForce RTX™ 3050 graphics card with 6 GB GDDR6 dedicated memory⁽¹³⁾
- **Mouse and keyboard:** HP black wireless keyboard and mouse combo
- **USB ports:** Front I/O: 2 USB Type-A 5Gbps signaling rate, 2 USB Type-A 10Gbps signaling rate, 1 USB Type-C® 5Gbps signaling rate, 1 USB Type-C® 10Gbps signaling rate⁽⁴²⁾
Rear: 4 USB 2.0 Type-A, 1 RJ-45
- **Wireless:** Wi-Fi 6 (2x2) and Bluetooth® 5.4 wireless card^{(19e)(25a)(26)}
- **Warranty:** 1-year limited hardware warranty

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⁾
- **AMD Ryzen™ 7 8700G processor:** Unleash immense performance and graphic capabilities from the AMD Ryzen™ 7 8700G processor. Designed for efficiency and optimized for high speed gameplay as well as next-gen responsiveness while providing a cool and quiet operation.
- **NVIDIA® GeForce RTX™ 3050 graphics:** Step up to the power of 2nd generation RTX powered by the award-winning NVIDIA Ampere architecture. AI and new system optimizations create more efficient gaming desktops in new and innovative form factors.
- **400 watt power supply:** High-performance hardware demands a power supply that can keep up with its massive requirements.
- **Effortlessly connected:** Enjoy faster speeds, improved performance and greater capacity with Wi-Fi 6 and Bluetooth® 5.4 wireless card.^{(19e)(25a)(26)}
- **USB Type-A 5Gbps signaling data rate:** Plug in your external storage with this USB Type-A port, featuring 5Gbps signaling data rate.⁽⁴³⁾
- **USB Type-A 10Gbps signaling rate:** Plug in your external storage with this USB Type-A port, featuring 10Gbps signaling data rate.⁽⁴³⁾

Additional product features

- **USB Type-C® 5Gbps signaling data rate:** Plug in your external storage with this USB Type-C® port, featuring 5Gbps signaling data rate. And it's reversible, so you never have to worry about plugging in upside down.⁽⁴²⁾⁽⁴³⁾
- **USB Type-C® 10Gbps signaling data rate:** Plug in your external storage with this USB Type-C® port, featuring 10Gbps signaling data rate. And it's reversible, so you never have to worry about plugging in upside down.⁽⁴²⁾⁽⁴³⁾
- **Quad display support:** Maximize your productivity or just make multitasking easier by adding up to four displays for more immersive computing.
- **DisplayPort™:** This robust digital video and audio port transmits up to 8K performance or allows you to connect multiple displays together.^{(37b)(50)}
- **PCIe® Gen4 NVMe™ M.2 SSD:** With high-speed data transfer, the PCIe® Gen4 NVMe™ M.2 SSD offers fast speed and efficient storage.
- **DDR5 RAM:** With higher bandwidth, you get more of a boost in performance.
- **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.⁽⁶⁰⁾

Created with the planet in mind

HP is dedicated to driving progress toward a more sustainable future and making responsible choices for the environment and our customers. We are innovating new ways to reduce the amount of materials in our products and packaging—and to use more recycled materials in their design. Together we can make a difference.

The HP OmniDesk Desktop PC is built with the future in mind, using environmentally conscious and recycled materials.

- Up to 20% recycled metal
- Up to 50% post-consumer recycled plastic
- ENERGY STAR® certified⁽⁶²⁾
- EPEAT® Gold with Climate+^(27a)

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>.⁽¹⁰⁾
- **Social Media Support:** To find solutions, ask questions, and share tips, join us on the HP Support Community at community.hp.com, on Twitter at twitter.com/HPSupport, and Facebook at facebook.com/HPSupport.⁽¹⁰⁾

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	• AMD Ryzen™ 7 8700G Processor ^(2a) • 8-Core • AMD Ryzen™ AI (16 NPU TOPS) ^(6c)
Processor speed	• up to 5.1 GHz max boost clock ^(2d)
Cache	• 16 MB L3 Cache
Memory	• 32 GB DDR5-5200 MT/s memory ⁽³⁾ (2 x 16 GB) (expandable to 64 GB unbuffered with 32 GB DIMMs) ^(3a)
Internal storage	• 1 TB PCIe® Gen4 NVMe™ M.2 Solid State Drive ⁽¹⁵⁾
Finish	• HP finish in Gray Wood
Video graphics	• NVIDIA® GeForce RTX™ 3050 graphics card with 6 GB GDDR6 dedicated memory ⁽¹³⁾
Network interface	• Integrated 10/100/1000 GbE LAN ⁽²⁹⁾
Wireless connectivity	• Wi-Fi 6 (2x2) and Bluetooth® 5.4 wireless card ^{(19e)(25a)(26)}
Sound	• 5.1 surround sound
Memory slots	• 2 DIMM (288-pin) (occupied)
Expansion slots	• 1 PCI-E Gen 4 x16 (occupied) • 1 PCI-E Gen 3 x1 (available) • 2 M.2 (1 for SSD, 1 for WLAN) (occupied)
Expansion bays	• No expansion
External ports	• Headphone/Microphone Combo • Front I/O: 2 USB Type-A 5Gbps signaling rate, 2 USB Type-A 10Gbps signaling rate, 1 USB Type-C® 5Gbps signaling rate, 1 USB Type-C® 10Gbps signaling rate ⁽⁴²⁾ • Rear: 4 USB 2.0 Type-A, 1 RJ-45 • HDMI • 3 DisplayPort™ ⁽⁵⁰⁾
Mouse and keyboard	• HP black wireless keyboard and mouse combo
Security	• Kensington Security lock slot ⁽²⁸⁾ • Padlock
Power supply	• 400 W 80 Plus Platinum certified power supply
Dimensions	• Unpackaged: 6.10 in (W) x 13.27 in (D) x 12.40 in (H) approx. • Packaged: 15.75 in (W) x 19.65 in (D) x 11.30 in (H) approx.
Weight	• Unpackaged: 12.72 lb approx. ⁽⁷⁶⁾ • Packaged: 19.89 lb approx.
Warranty and support	• 1-year limited hardware warranty. Additional information available at www.support.hp.com • 1-year limited technical support for software and initial setup (from date of purchase) ⁽⁵³⁾

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. AMD's numbering is not a measurement of clock speed. AMD and Radeon are trademarks of Advanced Micro Devices, Inc. ^(2d) Max Boost clock frequency performance varies depending on hardware, software and overall system configuration. GHz refers to internal clock speed of the processor. Other factors besides clock speed may impact system and application performance. ⁽³⁾ Up to 512MB of main system memory may be allocated to support video graphics. ^(3a) Based on system capability, actual spec offering may be different. Maximum upgradeability will vary by model. ^(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 inference performance varies by use, configuration, software and other factors. ^(8b) 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. ^(10a) Internet service required and not included. ⁽¹³⁾ ©2025 NVIDIA Corporation. NVIDIA, the NVIDIA logo, GeForce, and GeForce RTX are registered trademarks and/or trademarks of NVIDIA Corporation in the United States and other countries. All other trademarks and copyrights are the property of their respective owners. ⁽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. ⁽²²⁾ 100GB of free online storage for one year 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. ^(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. ^(27a) See www.epeat.net for registration status and tier levels by country. ⁽²⁸⁾ Lock sold separately. ⁽²⁹⁾ Actual speeds may vary. ^(37b) 8K content required to view 8K images. ⁽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. ⁽⁴³⁾ Actual throughput may vary. ⁽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. ⁽⁶⁰⁾ Xbox Game Pass sold separately. Credit card required. Unless you cancel, you will be charged the then-current regular membership rate when the promotional period ends. Terms, exclusions, and streaming limits apply. Xbox Cloud Gaming (Beta): select devices and regions. After term, active membership required to play games and online multiplayer. Game catalog varies over time, region, and by device. DLC sold separately; if a game is removed from catalog or your membership ends, you will need to purchase the game separately to use your DLC. If you're already an Xbox Live Gold and/or Game Pass for Console/PC member, any days remaining in your membership/s will be converted to Ultimate using a conversion ratio. Future code redemptions also subject to conversion ratio. All conversions to Ultimate are final. Details and system requirements at xbox.com/gamepass. Offer valid in all Xbox Game Pass markets excluding Russia. Digital Direct: Your digital content will be delivered directly to your device during set-up; no codes required. PC Game Pass: Subscription continues automatically at regular monthly price unless cancelled. Subject to xbox.com/subscriptionterms. ⁽⁶²⁾ ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. ⁽⁷⁶⁾ Weight and system dimensions may fluctuate due to configuration and manufacturing variances. ⁽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. ^(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. ⁽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 2025 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. All other trademarks are property of their respective owners. 03/07/2025_r1 ja

Software and technology

Help and support	• HP Support Assistant: Help with your HP PC and printers whenever you need it. ⁽⁵⁶⁾ • myHP: Customize, optimize, and secure your device with tips and tricks and easy-to-access settings, and receive helpful messages and information to keep things running smoothly.
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⁾
Partner offers	• Dropbox cloud storage: Store and synchronize your content online with Dropbox. Get 100GB of storage for one year to access, manage, and share your photos, music, and files from anywhere with Internet access. ⁽¹⁰⁾⁽²²⁾ • 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. ⁽⁶⁰⁾ • McAfee 30-day trial: Secure your privacy and data when browsing on public Wi-Fi with VPN, included in your free McAfee 30-day trial. ⁽⁸⁾⁽¹⁰⁾ • 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)
System performance	• HP Connection Optimizer: Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points. ⁽¹⁰⁾
Work and lifestyle	• Microsoft Copilot: Microsoft Copilot gives you intelligent answers. Access with just the touch of the Copilot key. ⁽⁴¹⁾
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.

Additional information

Product number	• B6KP1AA#ABA
Ad embargo date	• 04/20/2025
UPC code	• 198990223889
Country of origin	• Mexico
Pallet information	• Dimensions: 47.24 in (L/D) x 39.37 in (W) x 84.21 in (H) approx. • Total weight: 866.45 lb approx. • Layers: 7 • Products per layer: 6 • Total products per pallet: 42

