

# HP 23.8 inch All-in-One Desktop PC 24-cr0410



## Your home base for getting everything done

The HP 23.8-inch All-in-One Desktop takes caring for the planet to the next level while also packed with everything to take on your day.

### Product overview

- Show some love for the planet:** Sleek and functional, this sustainability focused All-in-One desktop helps you do more while using less. No need to compromise PC productivity or your eco-friendly attitude. With the planet friendly design consisting of post consumer recycled plastics, recovered ocean-bound plastics, and being EPEAT® Gold Registered and ENERGY STAR® Certified, you can do right by the planet and feel good about your purchase.<sup>(63)(63)</sup>
- Connect and collaborate on your terms:** Built with all the features to keep you connected like a tiltable pop-up privacy camera, HP Video Controls, dual array microphones and advanced noise reduction technology.<sup>(10)(89)</sup>
- More muscle for your hustle:** With a powerful AMD processor, ample storage, speedy connections, and plenty of memory, you're all set to take on any day.
- The right fit for every flow:** Immerse yourself in whatever you are doing with an ultra-slim three-sided micro-edge display and up to a 89% screen-to-body ratio for enhanced viewing.<sup>(40b)</sup>

### Key specifications

- Operating system:** Windows 11 Home<sup>(1)</sup>
- Processor:** AMD Athlon™ Silver 7120U Processor<sup>(2a)</sup>
- Integrated display:** 23.8" (60.5 cm) diagonal, FHD (1920 x 1080), IPS, three-sided micro-edge, anti-glare, 250 nits, 99% sRGB, Non-touch screen<sup>(20)(39)</sup>
- Memory:** 8 GB LPDDR5-5500 MHz RAM (onboard)<sup>(3)</sup>
- Internal Storage:** 256 GB PCIe® NVMe™ M.2 Solid State Drive<sup>(15)(5b)</sup>
- Graphics:** AMD Radeon™ Graphics<sup>(16)</sup>
- Mouse and keyboard:** HP white wired keyboard and mouse combo
- Camera:** HP True Vision 720p HD tilt privacy camera with temporal noise reduction and integrated dual array digital microphones<sup>(89)</sup>
- USB ports:** Rear: 2 USB 2.0 Type-A, 1 USB Type-C® 5Gbps signaling rate<sup>(42)</sup>, 2 USB Type-A 5Gbps signaling rate
- Connectivity:** HDMI Out
- Wireless:** Wi-Fi 6 (1x1) and Bluetooth® 5.3 wireless card<sup>(19e)(25)(26)</sup>
- 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.<sup>(1)</sup>
- 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.<sup>(41)</sup>
- AMD Athlon™ Silver 7120U Processor:** Built with exceptional experiences in mind, AMD Athlon™ processors deliver responsive, reliable computing for everyday users. Plus, enjoy built-in AMD Radeon™ graphics with crisp visuals and HD streaming.
- AMD Radeon™ graphics:** Whether it's games or movies, experience high performance for all your entertainment.
- FHD IPS display:** Enjoy vibrant, crystal-clear images with 178-degree wide-viewing angles.<sup>(39)</sup>
- Anti-glare panel:** Enjoy your favorite content with this anti-glare panel. Non-reflective and low gloss means you'll get less glare.
- Three-sided micro-edge display:** See more of your screen with a three-sided micro-edge display that maximizes your viewing area.
- Flicker-free:** Using DC Dimming technology, we can eliminate screen flickering for more comfortable viewing.<sup>(61)</sup>
- PCIe® NVMe™ SSD storage:** Get up to 15x faster performance than a traditional hard drive.<sup>(5b)</sup>

### Additional product features

- LPDDR5 RAM:** Experience speedy and responsive performance with the power efficient LPDDR5 memory. Designed to support higher data rates with less latency, plus faster file transfers and application load.
- Effortlessly connected:** Enjoy faster speeds, improved performance and greater capacity with Wi-Fi 6 and Bluetooth® 5.3 wireless card.<sup>(19e)(25)(26)</sup>
- 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.<sup>(42)(43)</sup>
- USB Type-A 5Gbps signaling data rate:** Plug in your external storage with this USB Type-A port, featuring 5Gbps signaling data rate.
- HP True Vision HD Camera:** Video chat in vibrant clarity, even in low light, and make every conversation a face-to-face experience for a better way to stay in touch.<sup>(89)</sup>
- 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.<sup>(60a)</sup>

### Designed 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 HP All-in-One is designed using sustainable materials like:

- Includes recycled metal<sup>(63d)</sup>
- Includes ocean-bound plastic<sup>(63d)</sup>
- Includes post-consumer recycled plastic<sup>(63f)</sup>
- HP's outer boxes and fiber cushions used in packaging are 100% sustainably sourced and recyclable.<sup>(63e)</sup>
- ENERGY STAR® certified<sup>(62)</sup>
- EPEAT® Gold registered<sup>(27)</sup>

### 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.<sup>(56)</sup>
- **Online Support:** For technical support with this product, visit HP Customer Support <http://support.hp.com>.<sup>(10)</sup>
- **Social Media Support:** To find solutions, ask questions, and share tips, join us on the HP Support Community at [community.hp.com](http://community.hp.com), on Twitter at [twitter.com/HPSupport](http://twitter.com/HPSupport), and Facebook at [facebook.com/HPSupport](http://facebook.com/HPSupport).<sup>(10)</sup>

#### 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](http://www.hp.com/go/smartfriend) to learn more or call toll-free 1.844.814.1800 to get started.<sup>(95)</sup>
- **Care Packs, part of HP Care:** Extend protection beyond the standard limited warranty. For more info, visit [www.hp.com/go/carepack-services](http://www.hp.com/go/carepack-services) or call toll-free at 1.877.232.8009.<sup>(83)</sup>



## Specifications

<b>Operating system</b>	• Windows 11 Home <sup>(1)</sup>
<b>Processor</b>	• AMD Athlon™ Silver 7120U Processor <sup>(2a)</sup> • Dual-Core
<b>Processor speed</b>	• 2.40 GHz <sup>(2b)</sup>
<b>Cache</b>	• 2 MB L3 Cache
<b>Memory</b>	• 8 GB LPDDR5-5500 MHz RAM (onboard) <sup>(3)</sup>
<b>Internal storage</b>	• 256 GB PCIe® NVMe™ M.2 Solid State Drive <sup>(15)(5b)</sup>
<b>Finish</b>	• HP finish in shell white
<b>Video graphics</b>	• AMD Radeon™ Graphics <sup>(16)</sup>
<b>Network interface</b>	• Integrated 10/100/1000 GbE LAN <sup>(29)</sup>
<b>Wireless connectivity</b>	• Wi-Fi 6 (1x1) and Bluetooth® 5.3 wireless card <sup>(19e)(25)(26)</sup>
<b>Sound</b>	• HP Audio
<b>Expansion slots</b>	• 2 M.2 (occupied)
<b>External ports</b>	• Headphone/Microphone Combo • Rear: 2 USB 2.0 Type-A, 1 USB Type-C® 5Gbps signaling rate <sup>(42)</sup> , 2 USB Type-A 5Gbps signaling rate, 1 RJ-45, HDMI Out
<b>Mouse and keyboard</b>	• HP white wired keyboard and mouse combo
<b>Camera</b>	• HP True Vision 720p HD tilt privacy camera with temporal noise reduction and integrated dual array digital microphones <sup>(89)</sup>
<b>Microphone</b>	• Dual array digital microphone
<b>Integrated display</b>	• 23.8" (60.5 cm) diagonal, FHD (1920 x 1080), IPS, three-sided micro-edge, anti-glare, 250 nits, 99% sRGB, Non-touch screen <sup>(20)(39)</sup>
<b>Screen to body ratio</b>	• 89.3% (with speaker area) <sup>(40b)</sup> • 98.1% (without speaker area) <sup>(40c)</sup>
<b>Tilt/stand design</b>	• <b>Tilt Angle:</b> -5° to 20° • <b>Stand Type:</b> Fixed detachable stand
<b>Power supply</b>	• 90 W Smart AC power adapter
<b>Dimensions</b>	• <b>Unpacked:</b> 21.28 in (W) x 7.33 in (D) x 16.11 in (H) approx. • <b>Packaged:</b> 25.20 in (W) x 6.89 in (D) x 18.11 in (H) approx.
<b>Weight</b>	• <b>Unpacked:</b> 11.61 lb approx. <sup>(76)</sup> • <b>Packaged:</b> 21.12 lb approx.
<b>Warranty and support</b>	• 1-year limited hardware warranty. Additional information available at <a href="http://www.support.hp.com">www.support.hp.com</a> • 90 days limited technical support for software and initial setup (from date of purchase) <sup>(53)</sup>

## Learn more at [hp.com](http://hp.com)

<sup>(1)</sup> 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>. <sup>(2a)</sup> 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. <sup>(2b)</sup> GHz refers to internal clock speed of the processor. Other factors besides clock speed may impact system and application performance. <sup>(3)</sup> Up to 512MB of main system memory may be allocated to support video graphics. <sup>(89)</sup> 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. <sup>(10)</sup> Internet service required and not included. <sup>(15)</sup> Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content. <sup>(16)</sup> Part of the total system memory (RAM) is used for graphics/video performance. System memory dedicated to graphics/video performance is not available for other use by other programs. <sup>(19e)</sup> 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. <sup>(20)</sup> All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. <sup>(22)</sup> 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 [drobox.com](http://www.drobox.com). Internet service required and not included. <sup>(23)</sup> HP BIOS Protection works with Windows 11 that ships with your PC. <sup>(25)</sup> Bluetooth® 5.3 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.3 will function as Bluetooth® 5.2 or lower. <sup>(26)</sup> Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license. <sup>(27)</sup> Based on U.S. EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information. <sup>(29)</sup> Actual speeds may vary. <sup>(39)</sup> Full High Definition (FHD) content is required to view FHD images. <sup>(40b)</sup> Percent of active and nonactive viewing area to bezel area including speaker. <sup>(40c)</sup> Percent of active and nonactive viewing area to bezel area excluding speaker. <sup>(41)</sup> Requires Windows 11. Some features require an NPU. Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in. Where Copilot is not available, the Copilot key will lead to the Bing search engine. See <http://aka.ms/WindowsAllFeatures>. <sup>(42)</sup> USB Type-C® and USB-C® are trademarks of USB Implementers Forum. <sup>(43)</sup> Actual throughput may vary. <sup>(53)</sup> Call 1.800.474.6836 or [support.hp.com](http://support.hp.com) for more information on Care Packs available after standard warranty expires. After standard warranty expires, an incident fee may apply. <sup>(56)</sup> For more information visit [hp.com/go/hpsupportassistant](http://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. <sup>(58b)</sup> Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD. <sup>(60a)</sup> 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 or/and 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](http://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](http://xbox.com/subscriptionterms). <sup>(61)</sup> The Flicker-free capability is eliminating screen flickering through integrating DC-dimming LED backlights or LED emissions. OLED panel is functional with DC-DIMMING when above 100nits. <sup>(62)</sup> ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. <sup>(63a)</sup> Percentage of ocean-bound plastic contained in each component varies by product. <sup>(63b)</sup> Percentage of recycled metal varies by product. <sup>(63c)</sup> 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. <sup>(63d)</sup> Percentage of post-consumer recycled plastic varies by product. Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard. <sup>(78)</sup> Weight and system dimensions may fluctuate due to configuration and manufacturing variances. <sup>(83)</sup> 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](http://hp.com/go/carepack-services). <sup>(88a)</sup> 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. <sup>(89)</sup> Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included. <sup>(95)</sup> 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 U.S. & 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. 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## Software and technology

<b>Help and support</b>	• <b>myHP:</b> myHP 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. • <b>HP Support Assistant:</b> Help with your HP PC and printers whenever you need it. <sup>(56)</sup>
<b>Security and protection</b>	• <b>HP BIOS Protection:</b> Get peace of mind knowing your PC BIOS is protected. HP BIOS Protection automatically checks its health and recovers itself. <sup>(23)</sup>
<b>Partner offers</b>	• <b>Adobe Offer:</b> 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. <sup>(88a)</sup> • <b>Dropbox cloud storage:</b> 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. <sup>(10)(22)</sup> • <b>McAfee 30-day trial:</b> Secure your privacy and data when browsing on public Wi-Fi with VPN, included in your free McAfee 30-day trial. <sup>(8c)(10)</sup> • <b>Try PC Game Pass for free:</b> Play hundreds of high-quality PC games on your new HP device with 3 free months of PC Game Pass. <sup>(60a)</sup>
<b>System performance</b>	• <b>HP Connection Optimizer:</b> Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points. <sup>(110)</sup>
<b>Work and lifestyle</b>	• <b>HP Enhanced Lighting:</b> Easily enhance brightness, color and lighting effects to look your best during video calls with integrated HP Enhanced Lighting app. • <b>AI Noise Removal:</b> Artificial intelligence technology automatically removes background noise for clearer than ever video chats, audio calls, and recordings. • <b>Microsoft Copilot:</b> Microsoft Copilot gives you intelligent answers. Access with just the touch of the Copilot key. <sup>(41)</sup>
<b>Gaming and entertainment</b>	• <b>OMEN Gaming Hub:</b> 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

<b>Product number</b>	• B9K50AA#ABA
<b>Ad embargo date</b>	• 04/21/2025
<b>UPC code</b>	• 198990744346
<b>Country of origin</b>	• China
<b>Pallet information</b>	• <b>Dimensions:</b> 47.24 in (L/D) x 39.37 in (W) x 77.56 in (H) approx. • <b>Total weight:</b> 844.80 lb approx. • <b>Layers:</b> 4 • <b>Products per layer:</b> 10 • <b>Total products per pallet:</b> 40

