

# HP 23.8 inch All-in-One Desktop PC 24-cb0090



## Good-looking. Hard-working.

The HP All-in-One blends the power of a desktop with the beauty of a slim, modern display. Get it all with the latest technology, impressive design, and sustainable materials in one dependable PC.

### Product overview

- **Solid Performance:** Getting things done is easy and fast with the power of an AMD processor, Wi-Fi technology, and advanced graphics. Save more of what you love with massive storage space.
- **Miss nothing. See everything.** Lean back, relax, and bring the cinema to you with a micro-edge Full HD display<sup>(99)</sup> and dual speakers.
- **Little things make a big difference:** Because little things make a big difference, the HP All-in-One Desktop design includes sustainable materials like ocean-bound plastic and post-consumer recycled plastic.<sup>(63)(631)</sup>

### Key specifications

- **Operating system:** Windows 11 Home<sup>(1)</sup>
- **Processor:** AMD Ryzen™ 7 5700U Processor<sup>(2a)</sup>
- **Integrated display:** 23.8" (60.5 cm) diagonal, touch, FHD (1920 x 1080), IPS, three-sided micro-edge, anti-glare, 250 nits, 72% NTS<sup>(20)(39)</sup>
- **Memory:** 16 GB DDR4-3200 SDRAM memory<sup>(3)</sup> (1 x 16 GB)
- **Internal Storage:**
  - 256 GB PCIe® NVMe™ M.2 Solid State Drive<sup>(15)(58b)</sup>
  - 1 TB 7200RPM SATA hard drive<sup>(4b)</sup>
- **Graphics:** AMD Radeon™ Graphics<sup>(16)</sup>
- **Mouse and keyboard:** HP 310 white wired keyboard and mouse combo
- **Camera:** HP Wide Vision 1080p FHD IR privacy camera with integrated dual array digital microphones<sup>(89)</sup>
- **USB ports:** 4 (2 SuperSpeed USB Type-A 5Gbps signaling rate, 2 USB 2.0 Type-A)
- **Wireless:** 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® combo, MU-MIMO supported<sup>(19a)(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>
- **AMD Ryzen™ 7 5700U Mobile Processor:** Create. Play. Work. Educate. Entertain. The possibilities are infinite. The AMD Ryzen™ 7 5700U Mobile processor offers supreme performance, and modern features you need.
- **HP Radeon™ graphics:** Whether it's games or movies, experience high performance for all your entertainment.
- **Quality everyone can count on:** Backed by over 230 tests, our All-in-Ones deliver durability you can trust.<sup>(52)</sup>
- **FHD touchscreen:** Intuitive touchscreen technology and the crystal-clear visuals of vibrant FHD.<sup>(39)</sup>
- **Micro-edge display:** See more of your screen with a micro-edge display that maximizes your viewing area.
- **Anti-glare panel:** Enjoy your favorite content with this anti-glare panel. Non-reflective and low gloss means you'll get less glare.
- **Dual storage configuration:** By including both an SSD drive for the operating system and a traditional hard drive you get the benefits of both worlds—fast boot up times, snappy responsiveness, and larger storage capacity.
- **DDR4 RAM:** With higher bandwidth, you get more of a boost in performance for improved multi-tasking.
- **HP Wide Vision FHD IR Camera:** Easily log in through Windows Hello and video chat with an 88-degree, wide-angle field of view.<sup>(89)</sup>
- **HP Privacy Camera:** The pop-up camera and microphone are only enabled when in use, securing your privacy.

### Additional product features

- **Wi-Fi 5 (1x1) & Bluetooth® (802.11a/b/g/n/ac):** Stay connected to Wi-Fi and to Bluetooth® accessories with wireless technology.<sup>(19a)(26)</sup>
- **MU-MIMO supported:** Pair with a MU-MIMO router for a smoother online experience in multi-device homes.
- **SuperSpeed USB Type-A 5Gbps signaling data rate:** Plug in your external storage with this SuperSpeed USB Type-A port, featuring 5Gbps signaling data rate.
- **Dual array microphone:** With two microphones and advanced noise reduction software, you'll always sound crystal clear when you video chat or record.<sup>(10)</sup>
- **Communicating is easy:** Easily share your mood using the emoji key on your keyboard, and quickly activate talk to text (microphone required) with the dictation key.

### 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 ocean-bound plastic<sup>(63a)</sup>
  - Includes post-consumer recycled plastic<sup>(63b)</sup>
- HP's outer boxes and fiber cushions used in packaging are 100% sustainably sourced and recyclable.<sup>(63c)</sup>
- ENERGY STAR® certified<sup>(62)</sup>
- EPEAT® Silver 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](https://twitter.com/HPSupport), and Facebook at [facebook.com/HPSupport](https://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 Ryzen™ 7 5700U Processor <sup>(2a)</sup> • 8-Core
<b>Processor speed</b>	• 1.80 GHz <sup>(2b)</sup>
<b>Cache</b>	• 8 MB L3 Cache
<b>Memory</b>	• 16 GB DDR4-3200 SDRAM memory <sup>(3)</sup> (1 x 16 GB)
<b>Internal storage</b>	• 256 GB PCIe® NVMe™ M.2 Solid State Drive <sup>(15)(58b)</sup> • 1 TB 7200RPM SATA hard drive <sup>(46)</sup>
<b>Finish</b>	• HP finish in starry white
<b>Video graphics</b>	• AMD Radeon™ Graphics <sup>(16)</sup>
<b>Network interface</b>	• 10/100/1000 Base-T Network <sup>(29)</sup>
<b>Wireless connectivity</b>	• 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® combo, MU-MIMO supported <sup>(15a)(26)</sup>
<b>Sound</b>	• HP Audio
<b>Memory slots</b>	• 2 DIMM (SO-DIMM) (one available)
<b>Expansion slots</b>	• 2 M.2 (occupied)
<b>External ports</b>	• Headphone/Microphone Combo • Side I/O: 1 SuperSpeed USB Type-A 5Gbps signaling rate • Rear: 2 USB 2.0 Type-A, 1 SuperSpeed USB Type-A 5Gbps signaling rate, HDMI Out
<b>Total USB ports</b>	• 4 (2 SuperSpeed USB Type-A 5Gbps signaling rate, 2 USB 2.0 Type-A)
<b>Mouse and keyboard</b>	• HP 310 white wired keyboard and mouse combo
<b>Camera</b>	• HP Wide Vision 1080p FHD IR privacy camera with 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, touch, FHD (1920 x 1080), IPS, three-sided micro-edge, anti-glare, 250 nits, 72% NTSC <sup>(20)(39)</sup>
<b>Tilt/stand design</b>	• <b>Tilt Angle:</b> -5° to 20° • <b>Stand Type:</b> Wire stand
<b>Power supply</b>	• 90 W Smart AC power adapter
<b>Dimensions</b>	• <b>Unpackaged:</b> 21.28 in (W) x 7.23 in (D) x 16.50 in (H) approx. • <b>Packaged:</b> 25.20 in (L/D) x 10.70 in (W) x 20.60 in (H) approx.
<b>Weight</b>	• <b>Unpackaged:</b> 11.84 lb approx. <sup>(76)</sup> • <b>Packaged:</b> 19.40 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>(4a)</sup> For storage drives, TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB of drive is reserved for system recovery software. <sup>(8)</sup> Internet access required and not included. Subscription required after 30 days trial period. McAfee, LiveSafe 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>(19a)</sup> Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11ac) is backwards compatible with prior Wi-Fi 5 specs. <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 [dropbox.com](http://dropbox.com). Internet service required and not included. <sup>(23)</sup> HP BIOS Protection works with Windows 10 or 11 that ships with your PC. <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>(49)</sup> Supports devices with Android 5.0 and higher and iPhone with iOS 11. Bluetooth® must be turned on in setting for device detection and data charges may apply. <sup>(52)</sup> HP Total Test Process testing is not a guarantee of future performance under these test conditions. Damage under the HP Total Test Process test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack. <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>(54)</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>(58a)</sup> Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD. <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> 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>(63)</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>(76)</sup> Weight and system dimensions may fluctuate due to configuration and manufacturing variances. <sup>(79)</sup> Games may be limited during trial period. Full version games may be purchased at any time. Internet access required and not included. <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 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 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. 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 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 2021 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. 09/16/2021\_r2 jr

## Software

<b>Games</b>	• <b>Wild Tangent Games for HP pre-installed:</b> Your HP computer comes with unlimited play of Bubble Shooter, Daily Hidden Object, Daily Jigsaw, Jewel Quest, Mahjongg Solitaire, Solitaire with Themes, and Spider Solitaire. <sup>(79)</sup>
<b>HP help and support</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>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>Books, music, photos and videos</b>	• <b>Adobe Offer:</b> Get a complimentary 1 month trial of Adobe Spark and of Adobe Acrobat Standard DC with the purchase of a computer from HP. Create stunning graphics, webpages, and video stories in minutes with Adobe Spark. Work smarter with Adobe Acrobat Standard DC, the complete PDF solution for today's mobile, connected world. <sup>(88a)</sup>
<b>Productivity and tools</b>	• <b>HP QuickDrop:</b> Wirelessly transfer photos, videos, documents and more between your PC and mobile device. Easily snap a photo to share, send addresses for directions on-the-go, and view texts on your PC's screen. With HP QuickDrop, file transfers are easy, fast and reliable. <sup>(10)</sup> • <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. • <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 intelligent technology automatically removes background noise for clearer than ever video chats, audio calls, and recordings. • <b>HP Audio Stream:</b> Enjoy listening to the music on your smartphone through your PC's speakers. Stream music from your smartphone to your PC using Bluetooth® technology with HP Audio Stream. <sup>(26)(49)</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>HP Connection Optimizer:</b> Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points. <sup>(10)</sup>
<b>Security and protection</b>	• <b>McAfee LiveSafe™:</b> Protect your operating system with a free 30-day McAfee LiveSafe™ trial. <sup>(6)</sup>
<b>Additional information</b>	
<b>Product number</b>	• 318F1AA#ABA
<b>Ad embargo date</b>	• 10/24/2021
<b>UPC code</b>	• 196068382605
<b>Country of origin</b>	• China • Taiwan
<b>Pallet information</b>	• <b>Dimensions:</b> 47.24 in (L/D) x 39.37 in (W) x 88.00 in (H) approx. • <b>Total weight:</b> 496.50 lb approx. • <b>Layers:</b> 4 • <b>Products per layer:</b> 6 • <b>Total products per pallet:</b> 24

