

HP 23.8 inch All-in-One 24-cr0284nh PC

Consciously designed thinking about the planet

This slim, HP 23.8" All-in-One Desktop PC empowers you to do more while using less. Responsibly manufactured using post-consumer recycled and ocean-bound plastics¹ and is EPEAT® Gold Registered and ENERGY STAR® Certified². With a powerful processor, upgraded memory and enhanced multitasking features, there's no compromise for heightened performance.



*Product image may differ from actual product



Designed to reduce environmental impact

World's first PC with recycled coffee grounds³, and contains post-consumer recycled and ocean-bound plastics¹.



Built to keep you connected to your crew

Made for true collaboration with a tiltable, pop-up privacy camera⁴, dual mics, and advanced noise-reduction.



Ready to take on the day, every day

Face the day with a dependable Intel® Processor⁵, ample storage, fast connections, and plenty of memory.

HP 23.8 inch All-in-One 24-cr0284nh PC

Featuring

Intel® processor

Get the performance and graphics you need with an Intel® processor at the affordability you want to connect, learn, and play anywhere.⁶

Intel® UHD Graphics

Smoothly stream 4K content and play your favorite games in 720p, without the need for a dedicated graphics card. With excellent Intel® UHD graphics performance, you'll see the difference in everything you do.⁷

FHD IPS display

Enjoy crystal-clear images from any angle. With 178° wide-viewing angles and a vibrant 1920 x 1080 resolution, you'll always have a great view of your favorite content.⁸

Anti-glare panel

Enjoy the sun and your favorite content with this anti-glare panel. Non-reflective and low gloss means you'll get less glare while you're outside.

Flicker-free

Using DC Dimming technology that controls brightness by adjusting direct current rather than cycling the backlight, we can eliminate screen flickering for more comfortable viewing.⁹

Design contains recycled metals and post-consumer recycled plastics

Built for a better tomorrow. Designed using recycled metals and post-consumer recycled plastics to reduce environmental impact and promote super energy efficiency.¹⁰

ENERGY STAR® certified

Save energy and money with ENERGY STAR®, certified by the EPA so you will use less energy and save money where it counts most.¹¹

DDR4 RAM

Designed to run more efficiently and more reliably at faster speeds, DDR4 is the future of RAM. With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.

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.⁴

Effortlessly connected

Enjoy faster speeds, improved performance and greater capacity with Wi-Fi 6 and Bluetooth® 5.3 wireless card.¹²

Dual speakers

Pump up the volume to your favorite music, movie or game with dual-stereo speakers.

USB Type-A 5Gbps signaling data rate

Plug in your external storage with this USB Type-A port, featuring 5Gbps signaling data rate.¹³

Full-sized keyboard

The full-sized keyboard allows you to work anywhere, with 1.5mm key travel for typing comfort and total productivity.

Recommended accessories and services (not included)



HP Travel USB-C Multi Port Hub
1C1Y5AA



HP 430 Multi-Device Wireless Mouse
3B4Q2AA



HP Stereo 3.5mm Headset G2
428H6AA



3-year return to depot
U4810E



HP 23.8 inch All-in-One 24-cr0284nh PC

Specifications



Performance

- Operating system**
FreeDOS
- Processor**
Intel® Processor N100 (up to 3.4 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores, 4 threads)^{6,7}
Processor family: Intel® Celeron® processor
- Memory**
4 GB DDR4-3200 MT/s (1 x 4 GB)
Transfer rates up to 3200 MT/s.
Memory slots: 1 SODIMM
- Storage**
128 GB PCIe® NVMe™ M.2 SSD
- Graphics**
Integrated: Intel® UHD Graphics;
- Audio**
Dual 2 W speakers
- Display**
60.5 cm (23.8") diagonal, FHD (1920 x 1080), IPS, three-sided micro-edge, anti-glare, 250 nits, 99% sRGB^{15,21}
- Screen-to-body ratio**
98.16%⁴
89.39%⁵
- Power**
65 W Smart AC power adapter;
- System coolers**

Connectivity

- Network interface**
Integrated 10/100/1000 GbE LAN
- Wireless connectivity**
Realtek Wi-Fi 6 (1x1) and Bluetooth® 5.3 wireless card ^{13,16}
- Ports**
Rear:
1 USB Type-C® 5Gbps signaling rate; 2 USB Type-A 5Gbps signaling rate;
2 USB 2.0 Type-A; 1 headphone/microphone combo; 1 RJ-45
- Video connectors**
1 HDMI-out 1.4
- Expansion slots**
2 M.2 (1 for SSD, 1 for WLAN)
- Webcam**
HP True Vision 720p HD tilt privacy camera with temporal noise reduction and integrated dual array digital microphones

Sustainability

- Sustainable impact specifications**
40% post-consumer recycled plastic; Ocean-bound plastic; 10% recycled metal^{39,40,41}

Design

- Product color**
Jet black
Textured finish, entry stand

Additional information

- Part Number**
P/N: BJ2Z4EA #BH5
UPC/EAN code: 199251151026
- Weight**
5.27 kg;
Packed: 9.6 kg
- Dimensions**
54.05 x 18.62 x 40.9 cm;
Packed: 64 x 17.5 x 46 cm
- Manufacturer Warranty**
1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.
- Keyboard**
HP 125 USB Black Wired Keyboard
HP 125 USB Black Wired Mouse



HP 23.8 inch All-in-One 24-cr0284nh PC

Footnotes

Messaging Footnotes

- ¹ With 40% post-consumer recycled plastic. Percentage of post-consumer recycled plastic, and ocean-bound plastic varies by product.
- ² Based on U.S. EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.
- ³ HP internal analysis based on all PCs in the market as of November 2022. Recycled coffee grounds are used as speckles in the finish of the PC.
- ⁴ Features may require software or other 3rd party applications to provide the described functionality.
- ⁵ 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 is not a measurement of higher performance.
- ⁶ 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 is not a measurement of higher performance. Intel and Core are trademarks of Intel Corporation in the U.S. and other countries.
- ⁷ High-definition (HD) content required to view HD images. Graphics output may be limited based on the maximum resolution of the display. 4K content required to view full 4K images.
- ⁸ Full high-definition (FHD) content is required to view FHD images.
- ⁹ The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.
- ¹⁰ Laptops manufactured with recycled ocean-bound plastic material in product speaker enclosures, recycled aluminum material in product cover and post-consumer recycled plastic in keycaps. Percentage of material contained in each component varies by product.
- ¹¹ ENERGY STAR and the ENERGY STAR logo are registered trademarks of the U.S. Environmental Protection Agency.
- ¹² 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. Wi-Fi 6 is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 80MHz and higher channels. Wi-Fi 6 (802.11ax) is not supported in Belarus where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac). 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.
- ¹³ Actual throughput may vary.

Technical Specifications Footnotes

- ⁴ Percent of active and nonactive viewing area to bezel area excluding speaker.
- ⁵ Percent of active and nonactive viewing area to bezel area including speaker.
- ⁶ 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.
- ⁷ Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.
- ¹³ Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other Wi-Fi 6 devices. Only available in countries where 802.11ax is supported.
- ¹⁵ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
- ¹⁶ Wi-Fi 6 (802.11ax) is not supported in Ukraine, Russia, and Indonesia where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).
- ²¹ TUV Low Blue Light is the Display Compliance Test Specification quality. See <https://www.certipedia.com/?locale=en#search> for more details.
- ³⁹ Percentage of ocean-bound plastic contained in each component varies by product.
- ⁴⁰ Recycled metal is expressed as a percentage of the total weight of the metal according to ISO 14021 definitions for metal parts over 25 grams.
- ⁴¹ 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.
- ⁴⁵ The Flicker-free capability is eliminating screen flickering through integrating DC-dimming LED backlights.

