

HP All-in-One 24-cb1042na PC

Work hard. Enjoy hard.

The HP All-in-One blends the power of a desktop with the beauty of a modern display. Powered by an Intel® processor¹, bring the cinema to you with a three-sided micro-edge, Full HD² display and dual speakers. This AiO design includes sustainable materials³ and is designed to keep your space clutter-free with thoughtfully placed ports.



*Product image may differ from actual product



Fast performing with ample storage

Get things done easy and fast with the performance of an Intel® processor¹, and ample storage space.



Immersive Full HD entertainment

Enhance your viewing experience with FHD² crystal-clear images from any angle on a 3-sided micro-edge display.



Made with the planet in mind

Our AiO design includes sustainable materials like ocean-bound plastic³ and post-consumer recycled plastic⁴.

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Featuring

Get a fresh perspective

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.⁵

A dynamic processor that adapts to you for superior multi-tasking performance

12th Gen Intel® Core™ processors distributes performance where you need it the most – saving you time and increasing your ability to do the things you actually want.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

Built to last

Life can be unpredictable, but your HP desktop shouldn't be. Backed by over 230 individual tests, our desktops go through it all to deliver durability you can trust and reliability you can count on.⁸

Full HD display

Sit back and enjoy crystal-clear visuals and images with the vibrant quality of 2 million pixels. The 1920 x 1080 resolution gives all your digital content a new dimension.²

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

Sustainable design

Because little things make a big difference, this product includes sustainable materials like ocean-bound plastic and post-consumer recycled plastic in the design.¹⁰

McAfee Online Protection 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-Fi¹¹

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.¹²

PCIe NVMe™ M.2 SSD storage

Boot up in seconds with lightning fast speed with up to 512 GB PCIe NVMe™ M.2 SSD storage.

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 Wide Vision FHD IR Camera

Easily log in through Windows Hello with the infrared sensor. With an 88-degree, wide-angle field of view, you can video chat with your entire family or group of friends in stunning detail.¹⁴

Dual array microphone

With two microphones and advanced noise reduction software, you'll always sound crystal clear when you video chat or record.¹⁵

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.¹⁶

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.¹⁷

Recommended accessories and services (not included)



3-year pickup and return
U4812E



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Specifications



Performance

Operating system
Windows 11 Home

Processor
Intel® Core™ i3-1215U (up to 4.4 GHz with Intel® Turbo Boost Technology, 10 MB L3 cache, 6 cores, 8 threads)^{6,7}
Processor family: 12th Generation Intel® Core™ i3 processor

Memory
8 GB DDR4-3200 MHz RAM (1 x 8 GB)
Transfer rates up to 3200 MT/s.
Memory slots: 2 SODIMM

Storage
512 GB PCIe® NVMe™ M.2 SSD
25 GB Dropbox storage for 12 months¹

Graphics
Integrated: Intel® UHD Graphics;

Audio
Dual 2 W speakers

Display
60.5 cm (23.8") diagonal, FHD (1920 x 1080), VA, three-sided micro-edge, anti-glare, 250 nits, 72% NTSC^{15,21}

Screen-to-body ratio
97.5%⁴
84.3%⁵

Power
65 W Smart AC power adapter;

Connectivity

Network interface
Integrated 10/100/1000 GbE LAN

Wireless connectivity
Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 wireless card¹⁰
MU-MIMO supported

Ports
Side:
1 USB Type-A 5Gbps signaling rate (Battery Charging 1.2); 1 headphone/microphone combo
Rear:
1 USB Type-A 5Gbps signaling rate; 2 USB 2.0 Type-A; 1 RJ-45

Video connectors
1 HDMI-out 1.4

Expansion slots
2 M.2 (1 for SSD, 1 for WLAN)

Webcam
HP Wide Vision 1080p FHD IR privacy camera with integrated dual array digital microphones

Sustainability

Ecolabels
EPEAT® Silver registered²⁷
Energy star certified
ENERGY STAR® certified
Sustainable impact specifications
15% post-consumer recycled plastic; Ocean-bound plastic^{39,40}

Design

Product color
Starry white
Speckle design with weave pattern

Software

HP apps
HP Audio Switch; HP Connection Optimizer; HP Support Assistant; OMEN Gaming Hub; HP Enhanced Lighting; myHP

Software
ExpressVPN (30 day free trial); LastPass Premium (30 day free trial)¹⁷; 1 month trial for new Microsoft 365 customers²⁴

Service & support
McAfee Online Protection 30-day trial; 1-month Adobe free trial offer^{2,25}

Additional information

Part Number
P/N: A4QV4EA #ABU
UPC/EAN code: 198415359209

Weight
5.37 kg;
Packed: 8.8 kg

Dimensions
54.06 x 18.37 x 41.9 cm;
Packed: 64.1 x 27.7 x 52.5 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 225 White Wired Keyboard and mouse combo

Features
Tilt: -5° forward to 20° back; Wire stand

Security management
Kensington MicroSaver lock slot



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Footnotes

Messaging Footnotes

¹ 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.

² Full high-definition (FHD) content is required to view FHD images.

³ PCs manufactured with recycled ocean-bound plastic material in product speaker enclosures. Percentage of ocean-bound plastic contained in each component varies by product.

⁴ Percentage of post-consumer recycled plastic contained in keycap varies by product.

⁵ 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>.

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.

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 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.

⁹ The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.

¹⁰ Percentage of ocean-bound plastic and post-consumer recycled plastic varies by product. Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.

¹¹ Internet access required and not included. McAfee is pre-installed 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 is not compatible with Windows 11 in S mode. You'll need to permanently switch out of S mode. There's no charge to switch out of S mode, but you won't be able to turn it back on.

¹² ENERGY STAR and the ENERGY STAR logo are registered trademarks of the U.S. Environmental Protection Agency.

¹⁴ Features may require software or other 3rd party applications to provide the described functionality.

¹⁵ Internet access required and not included.

¹⁶ Actual throughput may vary.

¹⁷ Actual throughput may vary. USB Type-C® and USB-C® are trademarks of USB Implementers Forum.

Technical Specifications Footnotes

¹ 25 GB of free Dropbox storage for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at <https://www.dropbox.com/help/space/hp-promotion>. Internet service required and not included.

² Internet access required and not included. McAfee is pre-installed 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 is not compatible with Windows 11 in S mode. You'll need to permanently switch out of S mode. There's no charge to switch out of S mode, but you won't be able to turn it back on.

⁴ Percent of active and nonactive viewing area to bezel area excluding speaker.

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⁷ Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

¹⁰ 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.

¹⁵ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

¹⁷ Reverting to LastPass basic after 30 days.

²¹ TÜV Low Blue Light is the Display Compliance Test Specification quality. See <https://www.certipedia.com/?locale=en#search> for more details.

²⁴ Must activate within 180 days of Windows activation.

²⁵ 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.

²⁷ 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.

³⁹ Percentage of ocean-bound plastic contained in each component varies by product.

⁴⁰ 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.

