HP All-in-One 24-cb1287nh 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® processor[1], bring the cinema to you with a three-sided micro-edge, Full HD[2] display and dual speakers. This AiO design includes sustainable materials[3] 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® processor[1], and ample storage space.

Immersive Full HD entertainment
Enhance your viewing experience with FHD[2] 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 plastic[3] and post-consumer recycled plastic[4].

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Featuring

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.[5]

NVIDIA® GeForce® MX450
Accelerate your device with the NVIDIA® GeForce® MX450 graphics for incredible HD photo and video editing, plus better gaming.

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.[6]

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.[7]

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.[8]

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.[9]

EPEAT® Gold registered
EPEAT® Gold registered products are the highest-rated products that meet all of EPEAT required criteria. EPEAT is the world's premier ecolabel for electronics.[10]

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.[11]

Dual array microphone
With two microphones and advanced noise reduction software, you'll always sound crystal clear when you video chat or record.[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]

Ethernet port
When you have a spotty wireless connection, you can quickly plug in your Ethernet cable to get a smooth, wired Internet experience that bypasses any wireless issue.

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

Adjust your view
Adjust the screen to your personal preference with a 5-degree forward or 20-degree backward tilt.

Recommended accessories and services (not included)

3-year return to depot
U4810E

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Specifications

Performance

Operating system
FreeDOS

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

Storage
512 GB PCIe® NVMe™ M.2 SSD

Graphics
Integrated: Intel® UHD Graphics;
Discrete: NVIDIA® GeForce® MX450 (2 GB GDDR5 dedicated) ;

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;

System coolers

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 card [10]
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

Sustainable impact specifications
15% post-consumer recycled plastic; Ocean-bound plastic[39,40]

Design

Product color
Jet black
Speckle design with weave pattern

Additional information

Part Number
P/N: B73TWEA #BH5
UPC/EAN code: 198990266862

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 Black 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] 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] 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.

[7] The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.

[8] 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.

[9] ENERGY STAR and the ENERGY STAR logo are registered trademarks of the U.S. Environmental Protection Agency.

[10] EPEAT® Gold registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

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

[12] Internet access required and not included.

[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.

[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.

[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] 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.