

# HP All-in-One 24-cb1490nh 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<sup>1</sup>, bring the cinema to you with a three-sided micro-edge, Full HD<sup>2</sup> display and dual speakers. This AiO design includes sustainable materials<sup>3</sup> 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<sup>1</sup>, and ample storage space.



**Immersive Full HD entertainment**

Enhance your viewing experience with FHD<sup>2</sup> 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<sup>3</sup> and post-consumer recycled plastic<sup>4</sup>.



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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.<sup>5</sup>

**Intel® Iris® X® graphics**

Impressive performance for creating, gaming, and entertainment. A new level of graphics performance and crisp, stunning visuals – with the convenience of a thin & light laptop.<sup>6</sup>

**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.<sup>7</sup>

**FHD IPS touchscreen**

Always see your content at its best with 178° wide-viewing angles and a vibrant picture. And with touchscreen technology, you can control your PC right from the screen.<sup>2</sup>

**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.<sup>8</sup>

**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.<sup>9</sup>

**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.<sup>10</sup>

**Dual array microphone**

With two microphones and advanced noise reduction software, you'll always sound crystal clear when you video chat or record.<sup>11</sup>

**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.<sup>12</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>13</sup>

**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



# HP All-in-One 24-cb1490nh PC

## Specifications



## Performance

### Operating system

FreeDOS

### Processor

Intel® Core™ i5-1235U (up to 4.4 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)<sup>6,7</sup>

Processor family: 12th Generation Intel® Core™ i5 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

### Graphics

Integrated: Intel® Iris® X® Graphics;

Intel® Iris® X® Graphics capabilities require system to be configured with Intel® Core™ i5 or i7 processors and dual channel memory. Intel® Iris® X® Graphics with Intel® Core™ i5 or i7 processors and single channel memory will only function as Intel® UHD Graphics.

### Audio

Dual 2 W speakers

### Display

60.5 cm (23.8") diagonal, FHD (1920 x 1080), touch, IPS, three-sided micro-edge, anti-glare, 250 nits, 72% NTSC<sup>15,21</sup>

### Screen-to-body ratio

97.5%<sup>4</sup>

84.3%<sup>5</sup>

### 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 card<sup>10</sup>  
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<sup>39,40</sup>

## Design

### Product color

Jet black

Speckle design with weave pattern

## Additional information

### Part Number

P/N: A7DA9EA #BH5

UPC/EAN code: 198415707482

### 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



# HP All-in-One 24-cb1490nh PC

## Footnotes

### Messaging Footnotes

<sup>1</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. Intel's numbering, branding and/or naming is not a measurement of higher performance.

<sup>2</sup> Full high-definition (FHD) content is required to view FHD images.

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

<sup>4</sup> Percentage of post-consumer recycled plastic contained in keycap varies by product.

<sup>5</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. Intel's numbering is not a measurement of higher performance.

<sup>6</sup> Intel and Iris are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries. Intel, the Intel logo and Iris are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

<sup>7</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>8</sup> The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.

<sup>9</sup> 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 16801-2018 standard.

<sup>10</sup> Features may require software or other 3rd party applications to provide the described functionality.

<sup>11</sup> Internet access required and not included.

<sup>12</sup> Actual throughput may vary.

<sup>13</sup> Actual throughput may vary. USB Type-C® and USB-C® are trademarks of USB Implementers Forum.

### Technical Specifications Footnotes

<sup>4</sup> Percent of active and nonactive viewing area to bezel area excluding speaker.

<sup>5</sup> Percent of active and nonactive viewing area to bezel area including speaker.

<sup>6</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. Intel's numbering, branding and/or naming is not a measurement of higher performance.

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

<sup>10</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>15</sup> All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

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

<sup>39</sup> Percentage of ocean-bound plastic contained in each component varies by product.

<sup>40</sup> Percentage of post-consumer recycled plastic varies by product. Recycled plastic content percentage is based on the definition set in the IEEE 16801-2018 standard.

<sup>45</sup> The Flicker-free capability is eliminating screen flickering through integrating DC-dimming LED backlights.

