

# HP 23.8 inch All-in-One 24-cr0048ne 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 plastics<sup>1</sup> and is EPEAT® Gold Registered and ENERGY STAR® Certified<sup>2</sup>. With a powerful processor, upgraded memory and enhanced multitasking features, there's no compromise for heightened performance.

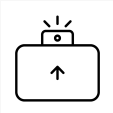


\*Product image may differ from actual product



**Designed to reduce environmental impact**

World's first PC with recycled coffee grounds<sup>3</sup>, and contains post-consumer recycled and ocean-bound plastics<sup>1</sup>.



**Built to keep you connected to your crew**

Made for true collaboration with a tiltable, pop-up privacy camera<sup>4</sup>, dual mics, and advanced noise-reduction.



**Ready to take on the day, every day**

Face the day with a dependable Intel® Processor<sup>5</sup>, ample storage, fast connections, and plenty of memory.

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## Featuring

**Extend beyond performance to let your PC do even more at once**

Offering more than just a performance score. 13th Gen Intel® Core™ Processors advance real-world computing and deliver more ultra-efficient multi-tasking.<sup>5</sup>

**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.<sup>6</sup>

**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.<sup>7</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>

**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.<sup>10</sup>

**PCIe SSD storage**

Boot up in seconds with lightning fast speed with up to 256 GB PCIe 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 True Vision HD Privacy Camera**

Video chat in vibrant clarity with Full HD resolution, even in low light with a pop-up camera you can tuck safely out of sight when not in use, keeping you safe online.

**Effortlessly connected**

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

## 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



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## Specifications



## Performance

**Operating system**  
FreeDOS

**Processor**  
Intel® Core™ i3-1315U (up to 4.5 GHz with Intel® Turbo Boost Technology, 10 MB L3 cache, 6 cores, 8 threads)<sup>6,7</sup>  
Processor family: 13th Generation Intel® Core™ i3 processor

**Memory**  
4 GB DDR4-3200 MT/s (1 x 4 GB)  
Transfer rates up to 3200 MT/s.  
Memory slots: 2 SODIMM

**Storage**  
256 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<sup>15,21</sup>

**Screen-to-body ratio**  
98.16%<sup>4</sup>  
89.39%<sup>5</sup>

**Power**  
90 W Smart AC power adapter;

## Connectivity

**Network interface**  
Integrated 10/100/1000 GbE LAN

**Wireless connectivity**  
Realtek Wi-Fi 6 (1x1) and Bluetooth® 5.3 wireless card <sup>13,16</sup>

**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<sup>39,40,41</sup>

## Design

**Product color**  
Shell white  
Textured finish, entry stand

## Additional information

**Part Number**  
P/N: B12CDEA #ABV  
UPC/EAN code: 198828214492

**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 White Wired Keyboard  
HP 125 USB White Wired Mouse



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## Footnotes

### Messaging Footnotes

<sup>1</sup> With 40% post-consumer recycled plastic. Percentage of post-consumer recycled plastic, and ocean-bound plastic varies by product.

<sup>2</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>3</sup> 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.

<sup>4</sup> Features may require software or other 3rd party applications to provide the described functionality.

<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> 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.

<sup>7</sup> Full high-definition (FHD) content is required to view FHD images.

<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 1680.1-2018 standard.

<sup>10</sup> ENERGY STAR and the ENERGY STAR logo are registered trademarks of the U.S. Environmental Protection Agency.

<sup>11</sup> 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.

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

### 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>13</sup> 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.

<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>16</sup> 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).

<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> 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.

<sup>41</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>45</sup> The Flicker-free capability is eliminating screen flickering through integrating DC-dimming LED backlights.

