

# HP 23.8 inch All-in-One 24-cr1001nh PC

## Next level power designed with the planet in mind

Introducing the HP 23.8" All-in-One Desktop PC—a sleek, desktop solution that blends style with sustainability. Powered by a reliable Intel® Processor<sup>1</sup>, upgraded memory, and advanced multitasking features, this desktop helps you stay connected and productive with the perfect balance of power and affordability to power through your to-do lists.



\*Product image may differ from actual product



**Connect and collaborate on your terms**

Stay connected with HD Video Controls, dual-array microphones with advanced noise reduction software<sup>2</sup>.



**Your all-day, all-the-time device**

With a powerful Intel® Processor<sup>1</sup>, speedy connections, and plenty of memory, you're set to take on any day.



**Enhanced viewing and immersive entertainment**

Immerse yourself in a 3-sided, micro-edge display<sup>3</sup>, with seamless connectivity, and 89% screen-to-body ratio<sup>4</sup>.

## Sustainability in action

**Sleek, functional and sustainability focused**

Designed with recycled materials, recovered ocean-bound plastics<sup>5</sup> and EPEAT® Gold Registered<sup>6</sup>.

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## Featuring

**Game without compromise. Go beyond performance with Intel Core Ultra Processors.**

Be everything you want to be, in-game and out with optimized performance and new features. Play harder and work smarter with Intel Core Processors.<sup>7</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>3</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>

**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.<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>

**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.<sup>11</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.

**DDR5 RAM**

Designed to run efficiently and reliably at faster speeds, DDR5 is the latest RAM standard. With higher bandwidth, you get more of a boost in performance.

**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.<sup>12</sup>

**Effortlessly connected**

Enjoy faster speeds, improved performance and greater capacity with Wi-Fi 6 and Bluetooth® 5.3 wireless card.<sup>13</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>14</sup>

**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)



3-year return to depot  
U4810E



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## Specifications



## Performance

- Operating system**  
FreeDOS
- Processor**  
Intel® Core™ Ultra 5 125U (up to 4.3 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 12 cores, 14 threads)<sup>6,7</sup>  
Processor family: Intel® Core™ Ultra 5 processor
- Memory**  
16 GB DDR5-5600 MT/s (1 x 16 GB)  
Transfer rates up to 5600 MT/s.  
Memory slots: 2 SODIMM
- Storage**  
512 GB PCIe® NVMe™ M.2 SSD
- Graphics**  
Integrated: Intel® 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</sup>
- Screen-to-body ratio**  
98.16%<sup>4</sup>  
89.39%<sup>5</sup>
- Power**  
90 W Smart AC power adapter;
- System coolers**

## Connectivity

- Network interface**  
Integrated 10/100/1000 GbE LAN
- Wireless connectivity**  
Realtek RTL8852BE Wi-Fi 6 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate)<sup>11,12,13,46</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; Water based paint; Ocean-bound plastic; 10% recycled metal<sup>39,40,41</sup>

## Design

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

## Additional information

- Part Number**  
P/N: BG9L3EA #BH5  
UPC/EAN code: 199251102301
- 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



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## 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 is not a measurement of higher performance.
- <sup>2</sup> Internet access required and not included.
- <sup>3</sup> Full high-definition (FHD) content is required to view FHD images.
- <sup>4</sup> Percent of active and nonactive viewing area to bezel area including speaker. Measure with lid vertical to the desk.
- <sup>5</sup> Ocean-bound plastic material in product bezel and speaker housing, post-consumer recycled plastic in the keyboard scissors and keycaps. Percent of recycled materials contained in each component varies by product.
- <sup>6</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>7</sup> Intel and Core are trademarks of Intel Corporation in the U.S. and other countries.
- <sup>8</sup> The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.
- <sup>9</sup> 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.
- <sup>10</sup> ENERGY STAR and the ENERGY STAR logo are registered trademarks of the U.S. Environmental Protection Agency.
- <sup>11</sup> EPEAT® Gold registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country.
- <sup>12</sup> Features may require software or other 3rd party applications to provide the described functionality.
- <sup>13</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>14</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>11</sup> 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.
- <sup>12</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.
- <sup>13</sup> Wi-Fi 6 (802.11ax) is not supported in Belarus where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).
- <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>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.
- <sup>46</sup> 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.

