

# HP 23.8 inch All-in-One 24-cr1002ne 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

### 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.<sup>7</sup>

### 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>8</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>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>9</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>10</sup>

### Unlock the value of your HP purchase

myHP provides a simple setup and registration and helps you to customize, optimize, and secure your device with tips and tricks and easy-to-access settings.

### 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-Fi<sup>11</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>12</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>13</sup>

### PCIe NVMe™ M.2 SSD storage

Boot up in seconds with lightning fast speed with up to 1 TB PCIe NVMe™ M.2 SSD storage.

### Dual channel memory

With dual channel technology, two channels work simultaneously to double the communication speed between the memory controller and the RAM increasing system performance.

### 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>14</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>15</sup>

### Communicating is easy

Easily share your mood using the Emoji key on your keyboard, and quickly activate talk to text (microphone required) with the Dictation key.

## Recommended accessories and services (not included)



3-year return to depot  
U4810E



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## Specifications



## Performance

### Operating system

Windows 11 Home

### Processor

Intel® Core™ Ultra 7 155U (up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 12 cores, 14 threads)<sup>6,7</sup>

Processor family: Intel® Core™ Ultra 7 processor

### Memory

16 GB DDR5-5600 MT/s (2 x 8 GB)

Transfer rates up to 5600 MT/s.

Memory slots: 2 SODIMM

### Storage

1 TB PCIe® NVMe™ M.2 SSD

25 GB Dropbox storage for 12 months<sup>1</sup>

### Graphics

Integrated: Intel® Iris® X<sup>e</sup> Graphics;

Intel® Iris® X<sup>e</sup> Graphics capabilities require system to be configured with Intel® Core™ i5 or i7 processors and dual channel memory. Intel® Iris® X<sup>e</sup> 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, 300 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

### Ecolabels

EPEAT® Gold registered<sup>27</sup>

### Energy star certified

ENERGY STAR® certified

### 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

Shell white

Textured finish, premium stand

## Software

### HP apps

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

### Software

Intel® Unison™; Windows Studio Effects;

1 month trial for new Microsoft 365 customers<sup>24</sup>

### Service & support

McAfee Online Protection 30-day trial; 1-month Adobe free trial offer; Xbox Game Pass 1-month free trial<sup>2,25,43</sup>

## Additional information

### Part Number

P/N: B3FE8EA #ABV

UPC/EAN code: 198828633002

### Weight

5.53 kg;

Packed: 9.6 kg

### Dimensions

54.05 x 18.63 x 48.49 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 710 White Wireless Keyboard and Mouse Combo



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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 16801-2018 EPEAT®. EPEAT® status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.
- <sup>7</sup> 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>.
- <sup>8</sup> Intel and Core are trademarks of Intel Corporation in the U.S. and other countries.
- <sup>9</sup> The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.
- <sup>10</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>11</sup> 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.
- <sup>12</sup> ENERGY STAR and the ENERGY STAR logo are registered trademarks of the U.S. Environmental Protection Agency.
- <sup>13</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>14</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>15</sup> Actual throughput may vary.

### Technical Specifications Footnotes

- <sup>1</sup> 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.
- <sup>2</sup> 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.
- <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>24</sup> Must activate within 180 days of Windows activation.
- <sup>25</sup> 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.
- <sup>27</sup> Based on U.S. EPEAT® registration according to IEEE 16801-2018 EPEAT®. EPEAT® status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.
- <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 16801-2018 standard.
- <sup>43</sup> Xbox Game Pass sold separately. Credit card required. Unless you cancel, you will be charged the then-current regular membership rate when the promotional period ends. Terms, exclusions, and streaming limits apply. Xbox Cloud Gaming (Beta): select devices and regions. After term, active membership required to play games and online multiplayer. Game catalog varies over time, region, and by device. DLC sold separately; if a game is removed from catalog or your membership ends, you will need to purchase the game separately to use your DLC. If you're already an Xbox Live Gold and/or Game Pass for Console/PC member, any days remaining in your membership(s) will be converted to Ultimate using a conversion ratio. Future code redemptions also subject to conversion ratio. All conversions to Ultimate are final. Details and system requirements at [www.xbox.com/gamepass](http://www.xbox.com/gamepass). Offer valid in all Xbox Game Pass markets excluding Russia. Digital Direct: Your digital content will be delivered directly to your device during set-up; no codes required.
- <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.

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