HP 23.8 inch All-in-One 24-cr1008ne 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[1], 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[2].

Your all-day, all-the-time device

With a powerful Intel® Processor[1], 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[3], with seamless connectivity, and 89% screen-to-body ratio[4].

Sustainability in action

Sleek, functional and sustainability focused

Designed with recycled materials, recovered ocean-bound plastics[5] and EPEAT® Gold Registered[6].

with TÜVRheinland CERTIFIED

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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.[7]

Intel® Iris® X^e 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.[8]

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.[3]

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.[9]

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.[10]

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.[11]

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.[12]

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.[13]

Effortlessly connected
Enjoy faster speeds, improved performance and greater capacity with Wi-Fi 6 and Bluetooth® 5.3 wireless card.[14]

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.[15]

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 7 155U (up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 12 cores, 14 threads)[6,7]
Processor family: Intel® Core™ Ultra 7 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® Iris® Xᵉ Graphics;
Intel® Iris® Xᵉ Graphics capabilities require system to be configured with Intel® Core™ i5 or i7 processors and dual channel memory. Intel® Iris® Xᵉ 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), IPS, three-sided micro-edge, anti-glare, 250 nits, 99% sRGB[15]

Screen-to-body ratio
98.16%[4]
89.39%[5]

Power
90 W Smart AC power adapter;

System coolers

Connectivity

Network interface
Integrated 10/100/1000 GbE LAN

Wireless connectivity
Realtek Wi-Fi 6 (1x1) and Bluetooth® 5.3 wireless card [13,16]

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[39,40,41]

Design

Product color
Jet black
Textured finish, entry stand

Additional information

Part Number
P/N: BE8U1EA #ABV
UPC/EAN code: 198990984490

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

[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 is not a measurement of higher performance.

[2] Internet access required and not included.

[3] Full high-definition (FHD) content is required to view FHD images.

[4] Percent of active and nonactive viewing area to bezel area including speaker. Measure with lid vertical to the desk.

[5] 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.

[6] Based on U.S. EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.

[7] Intel and Core are trademarks of Intel Corporation in the U.S. and other countries.

[8] 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.

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

[10] 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.

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

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

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

[14] 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.

[15] 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.

[13] 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.

[15] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

[16] 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).

[39] Percentage of ocean-bound plastic contained in each component varies by product.

[40] 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.

[41] 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.