HP All-in-One 24-cr1004na 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.
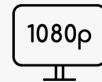
*Product image may differ from actual product

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].

hp with TÜVRheinland CERTIFIED   epeat GOLD   ENERGY STAR   McAfee™

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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.[7]

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.[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]

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.[10]

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[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 1 TB 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 FHD IR camera
Log in safely 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.[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]

Multi-device keyboard
Easily type on your computer, then switch to your phone or tablet with the touch of a button. Seamlessly shift between keyboards of two additional devices.

Recommended accessories and services (not included)

3-year pickup and return
U4812E

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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)[6,7]
Processor family: Intel® Core™ Ultra 7 processor

Memory
16 GB DDR5-5600 MHz RAM (1 x 16 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[1]

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;

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) [11,12,13,46]

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 1080p FHD IR 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
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[24]

Service & support
McAfee Online Protection 30-day trial; 1-month Adobe free trial offer; Xbox Game Pass 1-month free trial [2,25,43]

Additional information

Part Number
P/N: A77MZEA #ABU
UPC/EAN code: 198415702630

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 510SP White Wireless Keyboard and Mouse Combo

Datasheet

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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] 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.

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

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

[10] 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.

[11] 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.

[12] EPEAT® Silver 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

[1] 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.

[2] 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.

[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.

[11] 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.

[12] 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.

[13] Wi-Fi 6 (802.11ax) is not supported in Belarus where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).

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

[24] Must activate within 180 days of Windows activation.

[25] 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.

[27] 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.

[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 content varies by product. Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.

[43] 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. 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.

[45] The Flicker-free capability is eliminating screen flickering through integrating DC-dimming LED backlights.

[46] 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.

May 2024