# HP All-in-One Desktop Next Gen AI 27-ct2001na PC

## Achieve more with AI-driven technology for work and play.

Boost productivity and entertainment with the HP All-in-One, powered by AMD Ryzen™ AI 300 series Processors with up to 50 TOPS NPU[1] for fast multitasking and AI-driven performance. The intuitive AI tools and assistant allow you to work smart, while AMD Radeon™ 800M graphics deliver stunning visuals for light gaming, streaming, and more.

*Product image may differ from actual product

**AI-driven efficiency for improved productivity**
Do more and fast, with intuitive AI tools and AMD Ryzen™ AI 300 series Processors, with up to 50 TOPS NPU[1].

**Brilliant display, immersive experiences**
Enjoy sharp visuals for work or play with an expansive micro-edge display and AMD Radeon™ 800M graphics.

**Connect and collaborate on your terms**
Enhance every call with Windows Studio Effects, AI noise removal, and a tilt-adjustable pop-up camera.[2]

## Sustainability in action

**Built for a better tomorrow**
This thoughtfully designed HP All-in-One includes recycled plastic[3] and recycled metal[4] in its design.

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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.[5]

### AMD Ryzen™ AI 300 Series processors with AMD Radeon™ graphics
Unlock transformational AI PC experiences with AMD Ryzen™ AI 300 series processors. Designed for users to experience pure speed, responsiveness, and power efficient AI processing for Copilot+ PCs.[6]

### AMD Radeon™ graphics
Whether it's games or movies, experience high performance for all your entertainment.

### 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.[7]

### 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.[8]

### 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.[9]

### HP AI Companion
Get the most out of your AI PC with the new HP AI Companion app. Elevate your everyday tasks with a collection of AI tools and solutions that can increase your productivity and keep you running at your best.[10]

### Try PC Game Pass for free with your new HP device
Play hundreds of high-quality PC games with your new HP gaming device and 3 free months of PC Game Pass – including EA play. With new games added all the time, there's always something new to play.[11]

### 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[12]

### 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.[13]

### 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.[14]

### 2TB PCIe® Gen4 NVMe™ M.2 SSD
With high-speed data transfer, the 2 TB PCIe Gen4 NVMe M.2 SSD offers lightning fast speed and efficient storage.[15]

### 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 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.[2]

### 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.[16]

### 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.

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## Recommended accessories and services (not included)



3-year pickup and return
U4812E

# HP All-in-One Desktop Next Gen AI 27-ct2001na PC

## Specifications



## Performance

**Operating system**
Windows 11 Home

**Processor**
AMD Ryzen™ AI 7 350 (up to 5.0 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads)[6,7]
Processor family: AMD Ryzen™ AI 7 processor
Neural Processing Unit (NPU): AMD Ryzen™ AI (50 NPU TOPS)

**Chipset**
AMD integrated SoC

**Memory**
16 GB DDR5-5600 MT/s (2 x 8 GB)
Transfer rates up to 5600 MT/s.
Memory slots: 2 SODIMM

**Storage**
2 TB PCIe® Gen4 NVMe™ M.2 SSD
25 GB Dropbox storage for 12 months[1]

**Graphics**
Integrated: AMD Radeon™ Graphics;

**Audio**
Dual 2 W speakers

**Display**
68.6 cm (27") diagonal, FHD (1920 x 1080), IPS, three-sided micro-edge, anti-glare, 300 nits, 99% sRGB[15,21]

**Screen-to-body ratio**
98.16%[4]
90.19%[5]

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

## Connectivity

**Network interface**
Realtek RTL8111HSH-CG GbE NIC

**Wireless connectivity**
Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.4 wireless card

**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

**Ecolabels**
EPEAT® Gold registered[27]

**Energy star certified**
ENERGY STAR® certified

**Sustainable impact specifications**
40% post-consumer recycled plastic; Ocean-bound plastic; 10% recycled metal[39,40,41]

## Design

**Product color**
Shell white
Textured finish

## Software

**HP apps**
HP Connection Optimizer; HP Support Assistant; OMEN Gaming Hub; HP Enhanced Lighting; HP AI Companion

**Software**
1 month trial for new Microsoft 365 customers[24]

**Service & support**
McAfee Online Protection 30-day trial; 1-month Adobe free trial offer; PC Game Pass 3-month trial [2,25]

## Additional information

**Part Number**
P/N: BM5M4EA #ABU
UPC/EAN code: 199251269769

**Weight**
Packed: 11.9 kg

**Dimensions**
Packed: 73 x 17.5 x 52 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

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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. AMD's numbering is not a measurement of clock speed. Features and software that require a NPU may require software purchase, subscription or enablement by a software or platform provider, and third party software may have specific configuration or compatibility requirements. Potential NPU inferencing performance varies by use, configuration, and other factors.

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

[3] Recycled plastic is expressed as a percentage of the total weight plastic. Post-consumer recycled is based on the definition set in the EPEAT standard for computers, IEEE 1680.1-2018 standard

[4] 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.

[5] 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.

[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. AMD's numbering is not a measurement of clock speed. Features and software that require a NPU may require software purchase, subscription or enablement by a software or platform provider, and third party software may have specific configuration or compatibility requirements. Potential NPU inferencing performance varies by use, configuration, and other factors. Copilot+ in Windows requires Windows 11. Some features require an NPU. Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in. Where Microsoft in Windows is not available, the Copilot key will lead to the Bing search engine. See aka.ms/copilotpluspcs.

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

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

[9] 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.

[10] HP AI Companion is available preloaded on select HP next gen AI PCs or is available for download from the Microsoft store and requires a HP next gen AI PC with a NPU supporting 40-60 TOPS and requires Windows 11. Perform requires account set up within 30 days of PC boot or enrollment through the HP AI Companion app. Some features require customer upload of local data. Five (5) library 100MB limit each, supported files may vary and at launch include pdf, .txt., .docx files.

[11] 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. PC Game Pass: Subscription continues automatically at regular monthly price unless cancelled. Subject to xbox.com/subscriptionterms

[12] 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.

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

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

[15] For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB of system disk is reserved for system recovery software.

[16] 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. AMD's numbering is not a measurement of clock speed.

[7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

[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.

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

[21] TUV Low Blue Light is the Display Compliance Test Specification quality. See https://www.certipedia.com/?locale=en#search for more details.

[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.

[28] Eyesafe® Display for Low Blue Light is the Display Compliance Test Specification quality. See https://eyesafe.com for more details.

[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.

[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® 5.4 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.4 will function as Bluetooth® 5.3 or lower.

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