

# HP OmniStudio X All-in-One 32-c1002na Desktop PC

## Conquer the most demanding tasks with your AI-powered ally

Conquer your demanding tasks with the HP OmniStudio X 31.5-inch All-in-One Desktop Next Gen AI PC with an AI-accelerating Intel® Core™ Ultra Processor<sup>1</sup> and the productivity boosting Copilot+<sup>4</sup>. Enjoy immersive visuals on a 4K<sup>2</sup> UHD<sup>3</sup> display, AI-powered wellness features and ultrafast connectivity to effortlessly transition between work and play.



\*Product image may differ from actual product



### AI-enhanced productivity that works with you

Boost AI-powered multitasking with an Intel® Core™ Ultra Processor<sup>1</sup>, ultrafast Wi-Fi and Copilot+<sup>4</sup>.



### More meaningful connections and immersive visuals

Enjoy the 4K<sup>2</sup> UHD<sup>3</sup> display and next level calls with the 5MP camera<sup>5</sup> with Windows Studio Effects.



### Designed with you and your wellbeing in mind

Unlock meaningful impact with AI-powered wellness features like screen distance and screen time reminders.

## Sustainability in action

### Built with our shared future in mind

Designed with recycled metals<sup>6</sup> and recycled plastic<sup>7</sup>. EPEAT® Gold with Climate+<sup>8</sup> and ENERGY STAR® certified.

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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>9</sup>

### Intel® Core™ Ultra Processors

Make the hard stuff easy with Intel® Core™ Ultra processors. Accelerate AI experiences across hundreds of apps.<sup>10</sup>

### Intel® Arc™

Unleash your imagination with new Intel® Arc™ graphics solutions, hardware, software, and services. All built to help you game, create, and stream—without limits.

### 4K IPS display

With 8.2 million pixels, be mesmerized by the 4K experience. The spectacular 3840 x 2160 resolution delivers your content in jaw-dropping quality with true-to-life definition and 178° wide-viewing angles.<sup>11</sup>

### 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>12</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>13</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>14</sup>

### Poly Camera Pro

Poly Camera Pro elevates your video calls with AI to enjoy crystal clear video, customizable settings and professional grade features for a truly immersive video conferencing and collaboration experience.

### 1TB PCIe® Gen4 NVMe™ M.2 SSD

With high-speed data transfer, the 1 TB PCIe Gen4 NVMe M.2 SSD offers lightning fast speed and efficient storage.<sup>15</sup>

### USB Type-A 10Gbps signaling data rate

Plug in your external storage with this USB Type-A port, featuring 10Gbps signaling data rate.<sup>16</sup>

### HDMI out

It's never been easier to give your device a bigger or second display. With HDMI output you can transmit HD video and sound with just one standard cable.

### Intel® Wi-Fi 7 BE201 (2x2) and Bluetooth® 5.4 wireless card

Enjoy a smoother wireless experience with a Wi-Fi 7 (2x2) and Bluetooth® 5.4 wireless card, ensuring an solid connection for all your devices.<sup>17</sup>

### 5MP IR camera with temporal noise reduction and integrated dual array digital microphones

The high-quality-camera lets you video chat in stunning detail, at up to 2592x1944 resolution.<sup>18</sup>

### 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.<sup>19</sup>

### An exceptionally rich audio experience

HP Dual Speakers and audio custom-tuned in collaboration with experts at Bang & Olufsen, bring entertainment to life with sound you can feel. Awaken your senses with PC audio perfection.

### 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>20</sup>

### Dropbox cloud storage

Store and synchronize your content online with Dropbox. Get 25 GB of storage for one year to access, manage, and share your photos, music, and files from anywhere with Internet access.<sup>21</sup>

## Recommended accessories and services (not included)



3-year pickup and return  
UC994E



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## Specifications



## Performance

**Operating system**  
Windows 11 Home

**Processor**  
Intel® Core™ Ultra 5 226V (up to 4.5 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 8 cores, 8 threads)<sup>6,7</sup>  
Processor family: Intel® Core™ Ultra 5 processor  
Neural Processing Unit (NPU): Intel® AI Boost (40 NPU TOPS)

**Memory**  
16 GB LPDDR5x-8533 MT/s (onboard)  
Transfer rates up to 8533 MT/s.

**Storage**  
1 TB PCIe® Gen4 NVMe™ M.2 SSD  
25 GB Dropbox storage for 12 months<sup>1</sup>

**Graphics**  
Integrated: Intel® Arc™ Graphics;

**Audio**  
Dual 5 W speakers; DTS:X® Ultra; Poly Studio

**Display**  
80.01 cm (31.5") diagonal, 4K UHD (3840 x 2160), IPS, three-sided micro-edge, anti-glare, 550 nits, 95% DCI-P3

**Screen-to-body ratio**  
93.88%<sup>5</sup>

**Power**  
280 W 80 Plus Platinum certified power supply;

## Connectivity

**Network interface**  
Realtek RTL8125BGH-CG 10/100/1000/2500 GbE NIC

**Wireless connectivity**  
Intel® Wi-Fi 7 BE201 (2x2) and Bluetooth® 5.4 wireless card<sup>12,46</sup>

**Ports**  
Side:  
1 USB Type-C® 10Gbps signaling rate; 2 USB Type-A 10Gbps signaling rate  
Rear:  
2 USB Type-A 10Gbps signaling rate; 1 headphone/microphone combo; 1 RJ-45; 1 USB Type-C® 20Gbps signaling rate (DisplayPort™ 1.4 in/out)

**Video connectors**  
1 HDMI-out 1.4; 1 HDMI-in 2.1

**Expansion slots**  
2 M.2 (1 for SSD, 1 for WLAN)

**Webcam**  
5MP IR camera with temporal noise reduction and integrated dual array digital microphones

## Sustainability

**Ecolabels**  
EPEAT® Gold with Climate+<sup>27</sup>

**Energy star certified**  
ENERGY STAR® certified

**Sustainable impact specifications**  
45% post-consumer recycled plastic; 25% recycled metal<sup>40</sup>

## Design

**Product color**  
Meteor silver  
Water base paint

## Software

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

**Software**  
Copilot in Windows with Copilot key; Poly Camera Pro; 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; PC Game Pass 3-month trial<sup>2,25</sup>

## Additional information

**Part Number**  
P/N: BE9C8EA #ABU  
UPC/EAN code: 198990986500

**Weight**  
9.56 kg;  
Packed: 16.6 kg

**Dimensions**  
71.48 x 20 x 56.55 cm (Height adjustable stand Max); 71.48 x 20 x 46.55 cm (Height adjustable stand Min);  
Packed: 82.5 x 16.3 x 58 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 USB Meteor Silver 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, branding and/or naming is not a measurement of higher performance. 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.

<sup>2</sup> Graphics output may be limited based on the maximum resolution of the display. 4K content required to view full 4K images.

<sup>3</sup> HD (High Definition) content required to view HD images.

<sup>4</sup> 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 Copilot is not available, the Copilot key will lead to the Bing search engine. See <http://aka.ms/WindowsAIFeatures>

<sup>5</sup> Camera resolution refers to the image sensor active pixels. The actual image capture pixels depend on the app and/or aspect ratio selected.

<sup>6</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>7</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>8</sup> See [www.epeat.net](http://www.epeat.net) for registration status and tier levels by country.

<sup>9</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>10</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. 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.

<sup>11</sup> 4K content required to view full 4K images.

<sup>12</sup> The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.

<sup>13</sup> ENERGY STAR and the ENERGY STAR logo are registered trademarks of the U.S. Environmental Protection Agency.

<sup>14</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>15</sup> 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.

<sup>16</sup> Actual throughput may vary.

<sup>17</sup> Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires Windows 11 2024, select Intel® Core™ or Intel® Core™ Ultra processor, and a Wi-Fi 7 router, sold separately. Wi-Fi 7 is backwards compatible with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices. 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. Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license.

<sup>18</sup> Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included.

<sup>19</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. PC Game Pass: Subscription continues automatically at regular monthly price unless cancelled. Subject to [xbox.com/subscriptionterms](http://xbox.com/subscriptionterms)

<sup>20</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>21</sup> 25 GB of free online storage for one year from date of registration. For complete details and terms of use, including cancellation policies, visit the website at [www.dropbox.com](http://www.dropbox.com). Internet service required and not included.

### 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>3</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>12</sup> Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires Windows 11 2024, select Intel® Core™ or Intel® Core™ Ultra processor, and a Wi-Fi 7 router, sold separately. Wi-Fi 7 is backwards compatible with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices.

<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>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; 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>45</sup> The Flicker-free capability is eliminating screen flickering through integrating DC-dimming LED backlights.

<sup>46</sup> 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.

