

# HP OmniStudio X All-in-One 32-c0077ng Desktop PC (AR2H2EA)



## Your ultimate all-in-one ally to take on the day, your way

Conquer your most demanding tasks with the HP OmniStudio X 31.5-inch All-in-One Desktop PC and powerful Intel® Core™ Ultra Processor[1]. Enjoy immersive visuals on a 4K[2] IMAX-enhanced[3] display with ultrafast connectivity and seamlessly transition between work and play with AI-powered comfort and wellness features.



### Works with you, for you, for greater productivity

Conquer any task with an Intel® Core™ Ultra Processor[1], fast connectivity, more ports and Copilot in Windows[4].

### More meaningful connections and immersive visuals

Enjoy the 4K[2] IMAX enhanced[3] display and next level calls with the 5MP camera[5] 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.

## 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. [9]

### Intel® Core™ Ultra

Experience powerful and responsive performance to help your productivity soar. Seamlessly edit, share, and enjoy fantastic 4K entertainment with lightning-fast speed. [10]

### 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. [11]

### Eyesafe® Certified Display

Eyesafe® certified displays meet TÜV low blue light requirements and Eyesafe® standards for protecting your eyes from harmful blue light without distorting colors to reduce eyestrain when working for long periods of time.

### 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. [12]



## Specifications

<b>Form factor</b>	All-in-One
<b>Operating system</b>	Windows 11 Home
<b>Product color</b>	Meteor silver
<b>Processor family</b>	Intel® Core™ Ultra 7 processor
<b>Processor</b>	Intel® Core™ Ultra 7 155H (up to 4.8 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 16 cores, 22 threads) [6,7]
<b>Memory</b>	32 GB DDR5-5600 MT/s (2 x 16 GB)
<b>Memory Slots</b>	2 SODIMM
<b>Internal Storage</b>	2 TB PCIe® NVMe™ M.2 SSD
<b>Graphics</b>	Discrete
<b>Graphics (discrete)</b>	NVIDIA® GeForce RTX™ 4050 Laptop GPU (6 GB GDDR6 dedicated)
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	Intel® Arc™ Graphics
<b>Display</b>	80.01 cm (31.5") diagonal, 4K UHD (3840 x 2160), IPS, three-sided micro-edge, anti-glare, 550 nits, 95% DCI-P3
<b>Display</b>	31.5" diagonal, 4K UHD (3840 x 2160), IPS, three-sided micro-edge, anti-glare, 550 nits, 95% DCI-P3
<b>Audio</b>	Dual 2 W speakers; DTS:X® Ultra; Poly Studio
<b>Minimum dimensions (W x D x H)</b>	71.48 x 20 x 56.55 cm
<b>Minimum dimensions (W x D x H)</b>	28.14 x 7.88 x 22.26 in
<b>Weight</b>	9.56 kg
<b>Weight</b>	21.61 lb
<b>Keyboard</b>	HP 710 USB Meteor Silver Keyboard and Mouse Combo
<b>Camera</b>	5MP IR camera with temporal noise reduction and integrated dual array digital microphones
<b>Video connectors</b>	1 HDMI-out 1.4; 1 HDMI-in 2.1
<b>Ports</b>	1 USB Type-C® 10Gbps signaling rate; 2 USB Type-A 10Gbps signaling rate
<b>Expansion slots</b>	2 M.2 (1 for SSD, 1 for WLAN)
<b>Ports</b>	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)
<b>Package dimensions (W x D x H)</b>	82.5 x 16.3 x 58 cm
<b>Package weight</b>	16.6 kg
<b>Network interface</b>	Realtek RTL8125BGH-CG 10/100/1000/2500 GbE NIC
<b>Wireless</b>	Intel® Wi-Fi 7 BE200 (2x2) and Bluetooth® 5.4 wireless card, non-vPro <sup>[12]</sup>
<b>Power supply type</b>	280 W 80 Plus Platinum certified power supply
<b>Energy star certified</b>	ENERGY STAR® certified
<b>Sustainable impact specifications</b>	45% post-consumer recycled plastic; 30% recycled metal
<b>Software included</b>	McAfee Online Protection 30-day trial
<b>Software - Productivity &amp; finance</b>	1 month trial for new Microsoft 365 customers <sup>[24]</sup>
<b>Cloud service</b>	25 GB Dropbox storage for 12 months <sup>[1]</sup>
<b>UPC number</b>	198701537304

## Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

## 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, branding and/or naming is not a measurement of higher performance.

[2] Graphics output may be limited based on the maximum resolution of the display. 4K content required to view full 4K images.

[3] Disney+ /iQiyi is not pre-installed with HP products. Download required and an ab account with Disney+ is required for full functionality of the IMAX Mode Auto Switch. See Disney+ /iQiyi terms and conditions for more details.

[4] Requires Windows 11 and compatible processor with an NPU. Availability and features vary by market and device. Requires Microsoft account to log in. Where Copilot in Windows is not available, the Copilot key will lead to Windows Search.

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

[9] 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>.

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

[11] 4K content required to view full 4K images.

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

## 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.

[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.

[12] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires compatible Windows 11 OS, compatible processor, and separately purchased Wi-Fi 7 router to support backwards compatibility with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported.

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

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