

HP OmniStudio X All-in-One 32-c1000a Desktop PC (BD0R6PA)



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^[1] and the productivity boosting Copilot+^[4]. Enjoy immersive visuals on a 4K^[2] UHD^[3] display, AI-powered wellness features and ultrafast connectivity to effortlessly transition between work and play.



AI-enhanced productivity that works with you

Boost AI-powered multitasking with an Intel® Core™ Ultra Processor^[1], ultrafast Wi-Fi and Copilot+^[4].

More meaningful connections and immersive visuals

Enjoy the 4K^[2] UHD^[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 Processors

Make the hard stuff easy with Intel® Core™ Ultra processors. Accelerate AI experiences across hundreds of apps. ^[10]

Intel® Arc™

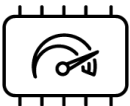
Unleash your imagination with new Intel® Arc™ graphics solutions, hardware, software, and services. All built to help you game, create, and stream—without limits.

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. ^[11]

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

Operating system	Windows 11 Home
Product color	Meteor silver
Processor family	Intel® Core™ Ultra 7 processor
Processor	Intel® Core™ Ultra 7 258V (up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 8 cores, 8 threads) [6,7]
Memory	32 GB LPDDR5x-8533 MT/s (onboard)
Internal Storage	1 TB PCIe® Gen4 NVMe™ M.2 SSD
Product design	Water base paint
Graphics	Integrated
Graphics (integrated)	Intel® Arc™ Graphics
Display	80.01 cm (31.5") diagonal, 4K UHD (3840 x 2160), IPS, three-sided micro-edge, anti-glare, 550 nits, 95% DCI-P3
Display	31.5" diagonal, 4K UHD (3840 x 2160), IPS, three-sided micro-edge, anti-glare, 550 nits, 95% DCI-P3
Audio	Dual 5 W speakers; DTS:X® Ultra; Poly Studio
Dimensions (W x D x H)	71.48 x 20 x 56.55 cm (Height adjustable stand Max); 71.48 x 20 x 46.55 cm (Height adjustable stand Min)
Dimensions (W x D x H)	28.14 x 7.88 x 22.26 in (Height adjustable stand Max); 28.14 x 7.88 x 18.33 in (Height adjustable stand Min)
Weight	9.56 kg
Weight	21.61 lb
Keyboard	HP 710 USB Meteor Silver Keyboard and Mouse Combo
Camera	5MP IR camera with temporal noise reduction and integrated dual array digital microphones
Video connectors	1 HDMI-out 1.4; 1 HDMI-in 2.1
Ports	1 USB Type-C® 10Gbps signaling rate; 2 USB Type-A 10Gbps signaling rate
Expansion slots	2 M.2 (1 for SSD, 1 for WLAN)
Ports	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)
Package dimensions (W x D x H)	82.5 x 16.3 x 58 cm
Package weight	16.6 kg
Network interface	Realtek RTL8125BGH-CG 10/100/1000/2500 GbE NIC
Wireless	MediaTek Wi-Fi 6E MT7922 (2x2) and Bluetooth® 5.3 wireless card ^[11,12,46]
Power supply type	280 W 80 Plus Platinum certified power supply
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	45% post-consumer recycled plastic; 25% recycled metal
Software included	McAfee Online Protection 30-day trial
Software - Productivity & finance	1 month trial for new Microsoft 365 customers ^[24]
Cloud service	25 GB Dropbox storage for 12 months ^[1]
UPC number	198990874708

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. 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 interfering performance varies by use, configuration, and other factors.

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

[3] HD (High Definition) content required to view HD images.

[4] 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>

[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] 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 interfering performance varies by use, configuration, and other factors.

[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.

[11] Wi-Fi 6E is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately.

[12] Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where 6GHz is supported.

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

[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.

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