

HP OmniStudio X All-in-One 32-c1075t 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 Processor¹ and the productivity boosting Copilot+⁴. Enjoy immersive visuals on a 4K² UHD³ 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 Processor¹, ultrafast Wi-Fi and Copilot+⁴.



More meaningful connections and immersive visuals

Enjoy the 4K² UHD³ display and next level calls with the 5MP camera⁵ 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 metals⁶ and recycled plastic⁷. EPEAT® Gold with Climate+⁸ 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.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

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

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.¹⁴

Microsoft Copilot

Microsoft Copilot gives you intelligent answers. Access with just the touch of the Copilot key.¹⁵

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.¹⁶

USB Type-A 10Gbps signaling data rate

Plug in your external storage with this USB Type-A port, featuring 10Gbps signaling data rate.¹⁷

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.

16 GB LPDDR5 RAM

Experience speedy and responsive performance with the power efficient 16 GB LPDDR5 memory. Designed to support higher data rates with less latency, plus faster file transfers and application load.

Effortlessly connected

Enjoy faster speeds, improved performance and greater capacity with Wi-Fi 6 and Bluetooth® 5.3 wireless card.¹⁸

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.¹⁹

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-Fi²⁰

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.²¹

Recommended accessories and services (not included)



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Specifications



Performance

Operating system

Windows 11 Home

Processor

Intel® Core™ Ultra 7 256V (up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 8 cores, 8 threads)^{6,7}

Processor family: Intel® Core™ Ultra 7 processor

Neural Processing Unit (NPU): Intel® AI Boost (47 NPU TOPS)

Memory

16 GB LPDDR5x-8533 MT/s (onboard)

Transfer rates up to 6000 MT/s.

Storage

1 TB PCIe® Gen4 NVMe™ M.2 SSD

25 GB Dropbox storage for 12 months¹

Graphics

Integrated: Intel® Arc™ Graphics⁸;

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%⁵

Power

280 W 80 Plus Platinum certified power supply;

System coolers

Connectivity

Network interface

Realtek RTL8125BGH-CG 10/100/1000/2500 GbE NIC

Wireless connectivity

MediaTek Wi-Fi 6E MT7922 (2x2) and Bluetooth® 5.3 wireless card ^{11,12,46}

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+

Energy star certified

ENERGY STAR® certified

Sustainable impact specifications

45% post-consumer recycled plastic; 25% recycled metal⁴⁰

Design

Product color

Meteor silver

Water base paint

Software

HP apps

HP Connection Optimizer; HP Support Assistant; HP BIOS Protection;

OMEN Gaming Hub; HP Enhanced Lighting; myHP

Software

Copilot in Windows with Copilot key;

1 month trial for new Microsoft 365 customers²⁴

Service & support

1-month Adobe free trial offer; McAfee Online Protection 30-day trial ^{2,25}

Additional information

Part Number

P/N: B73M6AA

UPC/EAN code: 198990276137

Weight

9.56 kg;

Packed: 16.6 kg

Dimensions

71.48 x 20 x 56.55 cm;

Packed: 82.5 x 16.3 x 58 cm

Manufacturer Warranty

1-year limited hardware warranty, limited technical support for software and initial setup (from date of purchase)

Keyboard

HP 710 USB Meteor Silver 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. 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.

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.

⁶ 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.

⁷ 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.

⁸ See www.epeat.net for registration status and tier levels by country.

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 inferencing 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.

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

¹⁴ 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.

¹⁵ 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.

¹⁶ 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.

¹⁷ Actual throughput may vary.

¹⁸ 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.

¹⁹ Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included.

²⁰ 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.

²¹ 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. Internet service required and not included.

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.

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.

⁸ Shared video memory (UMA) uses part of the total system memory for video performance. System memory dedicated to video performance is not available for other use by other programs.

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.

¹⁴ Call 1.800.474.6836 or support.hp.com for more information on Care Packs available after standard warranty expires. After standard warranty expires, an incident fee may apply.

²¹ Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content.

²⁴ Must activate within 180 days of Windows activation.

³² HP BIOS Protection works with Windows 11 that ships with your PC; For more information visit hp.com/go/hpsupportassistant. (Link will vary outside of the U.S.) HP Support Assistant is only available on Windows-based PCs. Internet connection required for updating and connecting to HP Support. Internet service required and not included.

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; 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.

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.

