# HP OmniStudio X All-in-One 27-cs1065t Desktop PC

## Conquer your tasks with AI powered experiences

Take on demanding tasks with lightning speed with the HP OmniStudio X 27-inch All-in-One Desktop Next Gen AI PC, featuring the AI accelerating Intel® Core™ Ultra Processor with up to 48 TOPS NPU[1] that boosts your productivity. Enjoy immersive visuals, cinema-quality audio and AI-powered wellness features that help you take on the day your way.

*Product image may differ from actual product

**AI-enhanced productivity that works with you**
Boost AI-powered multitasking with an Intel® Core™ Ultra Processor[1], ultrafast Wi-Fi and Copilot+[2].

**Ultimate entertainment and genuine connections**
Go from work to play seamlessly with a 5MP camera[3] with Windows Studio Effects and vibrant, immersive display.

**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[4] and recycled plastic[5]. EPEAT® Gold with Climate+[6] 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.[7]

### Intel® Core™ Ultra Processors
Make the hard stuff easy with Intel® Core™ Ultra processors. Accelerate AI experiences across hundreds of apps.[8]

### 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.

### Full HD display
Sit back and enjoy crystal-clear visuals and images with the vibrant quality of 2 million pixels. The 1920 x 1080 resolution gives all your digital content a new dimension.[9]

### 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.[10]

### 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.[11]

### 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.[12]

### Microsoft Copilot
Microsoft Copilot gives you intelligent answers. Access with just the touch of the Copilot key.[13]

### PCIe SSD storage
Boot up in seconds with lightning fast speed with up to 1 TB PCIe SSD storage.

### USB Type-A 10Gbps signaling data rate
Plug in your external storage with this USB Type-A port, featuring 10Gbps signaling data rate.[14]

### 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.

### 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.[15]

### 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[16]

### 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.[17]

## 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)

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

**Graphics**
Integrated: Intel® Arc™ Graphics[8];

**Audio**
Dual 5 W speakers; Poly Studio

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

**Screen-to-body ratio**
92.93%[5]

**Power**
180 W AC power adapter;

**System coolers**

## Connectivity

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

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

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

**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**
35% post-consumer recycled plastic; 25% recycled metal[40]

## Design

**Product color**
Meteor silver
Water base paint

## Software

**HP apps**
HP Connection Optimizer; HP Support Assistant; HP BIOS Protection; OMEN Gaming Hub; myHP

**Software**
Otter.ai; Copilot in Windows with Copilot key;
1 month trial for new Microsoft 365 customers[24]

**Service & support**
1-month Adobe free trial offer; McAfee Online Protection 30-day trial [2]

## Additional information

**Part Number**
P/N: B73M5AA
UPC/EAN code: 198990276120

**Weight**
8.4 kg;
Packed: 14.7 kg

**Dimensions**
61.24 x 20 x 53.71 cm;
Packed: 76 x 16.3 x 48 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] 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

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

[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] 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.

[6] See www.epeat.net for registration status and tier levels by country.

[7] 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.

[8] 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.

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

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

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

[12] 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.

[13] 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.

[14] Actual throughput may vary.

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

[16] 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.

[17] 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 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.

[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.

[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 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.

[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.