

HP OmniStudio X All-in-One Desktop Next Gen AI 27-inch PC (BZ6L3EA)



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 47 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.



AI-enhanced productivity that works with you

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

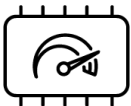
Ultimate entertainment and genuine connections

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.

Featuring



Windows is fast, powerful, and secure

Windows 11 is fast, powerful, and secure, giving you a dependable foundation to work, create, and stay protected every day. [4]

Intel® Core™ Ultra Processors

Make the hard stuff easy with Intel® Core™ Ultra processors. Accelerate AI experiences across hundreds of apps. [6]

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. [7]

Screen to body ratio

Revolutionize your display and see more of what you love with this slim bezel design. Enjoy an immersive multimedia experience with a maximized viewing area.

Specifications

Operating System Software	Windows 11 Home
Product Color Description (fixed)	Meteor silver
Product Design	Water base paint
Processor Family	Intel® Core™ Ultra 7 processor
Processor Name	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]
Standard Memory Description 01	16 GB LPDDR5x-8533 MT/s (onboard)
Hard Drive Description (01)	1 TB PCIe® NVMe™ M.2 SSD
Graphics Card Segment 01	Integrated
GScardseg 01 Available Card 01	Intel® Arc™ Graphics
Display Description (metric)	68.6 cm (27") diagonal, FHD (1920 x 1080), IPS, three-sided micro-edge, anti-glare, 300 nits, 99% sRGB
Display Description	27" diagonal, FHD (1920 x 1080), IPS, three-sided micro-edge, anti-glare, 300 nits, 99% sRGB
Audio Features	Dual 5 W speakers; Poly Studio
Product Dimensions W x D x H (metric)	61.24 x 20 x 53.71 cm (Height adjustable stand Max); 61.24 x 20 x 43.71 cm (Height adjustable stand Min)
Product Dimensions W x D x H (imperial)	24.11 x 7.88 x 21.15 in (Height adjustable stand Max); 24.11 x 7.88 x 17.20 in (Height adjustable stand Min)
Weight (metric)	8.4 kg
Weight (imperial)	18.96 lb
Package Dimensions W x D x H (metric)	76 x 16.3 x 48 cm
Package Dimensions W x D x H (imperial)	29.9 x 6.4 x 18.9 in
Package Weight (metric)	14.7 kg
Package Weight (imperial)	32.4 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 1.4
External I/O 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)
External I/O Ports 02	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)
Network Interface	Realtek RTL8125BGH-CG 10/100/1000/2500 GbE NIC
Wireless Technologies	Intel® Wi-Fi 7 BE201 (2x2) and Bluetooth® 5.4 wireless card ^[13,46]
Power Supply Type	180 W AC power adapter
Energy Star Certified	ENERGY STAR® certified
Sustainability Specifications	At least 25% recycled metal; At least 35% post-consumer recycled plastic
Software Included	McAfee Online Protection 30-day trial
Software - Productivity & Finance	1 month trial for new Microsoft 365 customers ^[24]
Cloud Service	100 GB Dropbox storage for 3 months ^[1]
UPC Number	199251790737

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 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] Battery life varies significantly by device and with settings, usage and other factors. See aka.ms/w11claims. Based on speedometer benchmark. Performance will vary significantly by device. See aka.ms/w11claims

[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 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.

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

Technical Specifications Footnotes

[1] 100 GB of free Dropbox storage for 3 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.

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[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

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

[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.

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