ComX Computers
Product Specification Sheet

MH1R4SO/A

Apple 24" iMac M6 Chip 12-core CPU 12-core GPU 24GB RAM 512GB SSD All-in-One PC - Pink

Product Overview

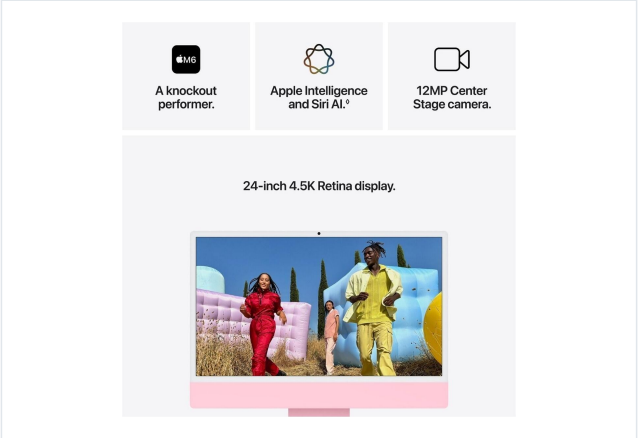
Apple 24" iMac M6 Chip 12-core CPU 12-core GPU 24GB RAM 512GB SSD All-in-One PC - Pink, Apple iMac MH1R4SO/A with M6 Chip, 24" 4.5K Retina Display with 4480-by-2520 Resolution and 500 nits brightness, Apple M6 Processor featuring 12-core CPU and 12-core GPU, 24GB unified Memory capacity for Multitasking, 512GB SSD storage, Two Thunderbolt / USB 4 Ports supporting up to 40Gb/s transfers, 12MP center Stage camera with Desk View support, Six-speaker system with force-cancelling woofers and spatial Audio support, Apple N1 Wireless Networking Chip with Wi-Fi 7 connectivity, Bluetooth 6 and Thread Networking Technology included, Three-Mic Array with directional beamforming for Audio Input











Specifications

Summary Overview:

Welcome to your new digital workspace with the stunning Apple iMac featuring the powerful M6 chip. This 24-inch all-in-one desktop in vibrant Pink combines breathtaking 4.5K Retina display quality with exceptional performance, making it perfect for everything from daily tasks to professional creative workflows. Whether you are a student, a home office worker, or a design enthusiast, this machine delivers the speed and reliability you need to get things done effortlessly.

Experience seamless connectivity with Wi-Fi 7 and Bluetooth 6, along with an advanced camera system that keeps you perfectly framed during video calls. The sleek design fits beautifully in any room while providing ample power for editing photos, videos, or managing complex projects. Don't wait to upgrade your computing experience; buy now and start enjoying the future of personal computing today.

Performance tier: High-End

Uses: Home office work, creative design, video editing, online learning, gaming, multimedia consumption, daily productivity tasks

Overview:

The Apple 24-inch iMac with the M6 chip (Part Number MH1R4SO/A) represents a significant leap forward in all-in-one desktop computing, blending stunning design with powerful performance. This sleek machine features the new M6 chip, delivering exceptional speed for daily tasks and advanced AI capabilities that adapt to your workflow. The 24-inch 4.5K Retina display serves as a vibrant canvas for creativity, offering rich colors and sharp detail, while macOS integrates seamlessly with Apple Intelligence and Siri to help you accomplish more effortlessly.

Description:

This all-in-one desktop is designed to fit perfectly into any space with its strikingly thin profile available in seven vibrant colors. Powered by the M6 chip, it ensures smooth multitasking with up to 32GB of unified memory support, allowing you to fly through photo and video editing or browse effortlessly. The device leverages AI for enhanced productivity while prioritizing your privacy, making it an ideal platform for families, creative professionals, and small business owners alike.

Features:

Performance and Display

The heart of this iMac is the Apple M6 chip, featuring a 12-core CPU with a blend of super cores, performance cores, and efficiency cores, paired with a 12-core GPU. This architecture enables hardware-accelerated ray tracing and dual 16-core

Neural Engines for rapid processing speeds. The visual experience is enhanced by the expansive 24-inch 4.5K Retina display, which supports over one billion colors and reaches up to 500 nits of brightness for clarity in well-lit rooms.

The screen utilizes True Tone technology to adjust displays based on ambient lighting conditions. For those working in challenging environments, a nano-texture glass option is available to significantly reduce reflections. The actual diagonal screen size measures 23.5 inches, providing ample space for multitasking without cluttering your desk.

- 12-core CPU with super cores and performance cores
- 12-core GPU with hardware-accelerated ray tracing
- Dual 16-core Neural Engine
- 170GB/s memory bandwidth
- 4.5K Retina display resolution of 4480-by-2520 pixels
- Support for Wide color (P3) gamut

Connectivity and Expansion

Keeping your workflow connected is effortless with the inclusion of Thunderbolt 4 ports that support lightning-fast data transfers up to 40Gb/s. This iMac allows you to connect up to two external 6K displays, creating a vast canvas for professional work. The wireless capabilities are equally impressive, driven by the Apple N1 wireless chip which supports Wi-Fi 7 and Bluetooth 6, ensuring stable and fast connections.

Data transfer speeds are optimized with support for USB 4 and Thunderbolt 4 standards. Users can also connect high-impedance headphones via the advanced 3.5 mm headphone jack. For wired network needs, an optional 2.5Gb Ethernet port provides robust connectivity options that complement the wireless features.

- Two Thunderbolt / USB 4 ports (up to 40Gb/s)
- USB 3.1 Gen 2 support (up to 10Gb/s)
- 3.5 mm headphone jack with advanced support
- Apple N1 wireless networking chip
- Wi-Fi 7 (802.11be) compatibility
- Bluetooth 6 and Thread networking technology

Capture and Audio Experience

The built-in camera system is designed to keep you perfectly framed during video calls with the 12MP Center Stage camera, which includes support for Desk View. This advanced image signal processor enables computational video for clearer shots in various lighting conditions. The audio experience is equally immersive, featuring a high-fidelity six-speaker system with force-cancelling woofers that deliver wide stereo sound and Spatial Audio when playing content with Dolby Atmos.

Communication is crystal clear thanks to the studio-quality three-mic array with directional beamforming technology. You can activate Siri hands-free with just "Hey Siri" or "Siri," ensuring you stay focused on your work. The system supports a wide range of video and audio playback formats, including HEVC, H.264, AV1, ProRes, AAC, MP3, FLAC, and Dolby Digital Plus.

- 12MP Center Stage camera with Desk View
- 1080p HD video recording capability
- Six-speaker system with force-cancelling woofers
- Wide stereo sound support
- Three-mic array with directional beamforming
- Support for Spatial Audio and Dolby Atmos

Design and Dimensions

The physical design of the iMac is as impressive as its internal specs, maintaining a sleek profile that fits seamlessly into any home or office environment. The unit measures 461mm in height and 547mm in width, with a depth of just 147mm. Weighing in at 4.42 kg, it remains stable yet easy to move if necessary.

The device runs on macOS, which provides a clear and consistent experience with the new Liquid Glass design. Users can benefit from intuitive parental controls to keep kids safe online while enjoying fast access to favorite apps through Spotlight search. Security is built-in with FileVault encryption for files and robust antivirus protection that updates automatically.

What's in the box:

The package includes everything needed to start using your new desktop immediately, ensuring a smooth setup process without the need for additional purchases.

- iMac
- Magic Keyboard
- Magic Mouse
- 143W power adapter
- Power cord (2 m)
- USB-C Charge Cable

This model, identified by the SKU MH1R4SO/A, was released in 2026 and comes standard with Standard Glass. It is equipped with 24GB of unified memory and a 512GB SSD for fast storage access. The accessibility features included ensure that people with disabilities can use VoiceOver, Zoom, Voice Control, and other tools to make the most of their device.

Specifications:

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Specifications	
Product Code	MH1R4SO/A
Display glass	Standard Glass
In The Box	iMac
	Magic Keyboard
	Magic Mouse
	143W power adapter
	Power cord (2 m)
	USB-C Charge Cable
Brand	Apple
Year released	2026
SKU	MH1R4SO/A
Screen size	24-inch
Storage	512GB SSD
Model	Apple M6
Memory	24GB unified memory
Processor	Apple M6 chip. 12-core CPU with 2 super cores, 4 performance cores, and 6 efficiency cores 12-core GPU Neural Accelerators Hardware-accelerated ray tracing Dual 16-core Neural Engine 170GB/s memory bandwidth

Display	24-inch 4.5K Retina display
	4480-by-2520 resolution at 218 pixels per inch with support for 1 billion colors
	500 nits brightness
	Wide color (P3)
	True Tone technology
	Actual diagonal screen size is 23.5 in.
Connection and Ports	Two Thunderbolt / USB 4 ports with support for:
	Thunderbolt 4 (up to 40Gb/s)
	USB 4 (up to 40Gb/s)
	USB 3.1 Gen 2 (up to 10Gb/s)
	DisplayPort
	3.5 mm headphone jack with advanced support for high-impedance headphones
Camera and Video Support	12MP Center Stage camera with support for Desk View
	1080p HD video recording
	Advanced image signal processor with computational video
	Video Playback
	Supported formats include HEVC, H.264, AV1, and ProRes
	HDR with Dolby Vision, HDR10+/HDR10, and HLG
Audio	High-fidelity six-speaker system with force-cancelling woofers
	Wide stereo sound
	Support for Spatial Audio when playing music or video with Dolby Atmos
	Studio-quality three-mic array with high signal-to-noise ratio and directional beamforming
	Support for "Hey Siri" or just "Siri"
	Audio Playback
	Supported formats include AAC, MP3, Apple Lossless, FLAC, Dolby Digital, Dolby Digital Plus, and Dolby Atmos
Size and Weight	Height: 461mm
	Width: 547 mm
	Depth: 147 mm
	Weight: 4.42 kg
Wireless	Apple N1 wireless networking chip
	Wi-Fi 7 (802.11be)
	Bluetooth 6
	Thread networking technology

Accessibility	Accessibility features help people with disabilities get the most out of their new MacBook Pro. With built-in support for vision, hearing, mobility, and learning, you can create and do amazing things.
	Features include:
	VoiceOver
	Zoom
	Motion, display, and text settings
	Accessibility Reader
	Voice Control
	Switch Control
	Closed Captions
	Live Captions
	Personal Voice and Live Speech

FAQ

What is the screen size and resolution of this iMac?

The 24-inch 4.5K Retina display features a resolution of 4480-by-2520 pixels at 218 pixels per inch, supporting over 1 billion colors with 500 nits of brightness.

How does the M6 chip improve performance for daily tasks?

The Apple M6 chip includes a 12-core CPU and 12-core GPU with advanced AI capabilities, enabling seamless multitasking and faster processing for photo editing, video work, and browsing in Safari.

What wireless connectivity options are included out of the box?

This model features an Apple N1 wireless chip supporting Wi-Fi 7 (802.11be) and Bluetooth 6, along with Thread networking technology for enhanced device connection.

Can I connect external monitors to this iMac?

Yes, the two Thunderbolt / USB 4 ports support connecting up to two external displays with resolutions of up to 6K at 60Hz.

What is included in the box for immediate setup?

The package includes the iMac unit, a Magic Keyboard, a Magic Mouse, a 143W power adapter, a 2-meter power cord, and a USB-C Charge Cable so you can start using it right away.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx.co.za/MH1R4SO-A-Apple-24-iMac-M6-Chip-12-core-CPU-12-core-GPU-24GB-RAM-512GB-SSD-All-in-p-342662.php

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