ComX Computers
Product Specification Sheet

MH2U4SO/A

Apple 24" iMac M6 Chip 12-core CPU 12-core GPU 16GB RAM 256GB SSD All-in-One PC with Nano-Texture Glass - Silver

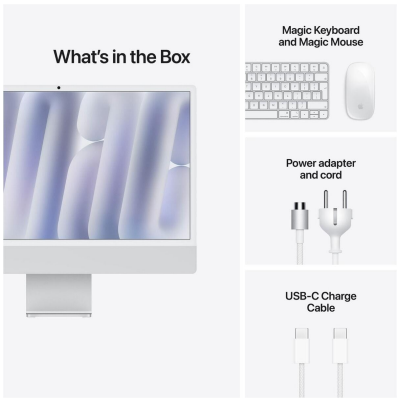
Product Overview

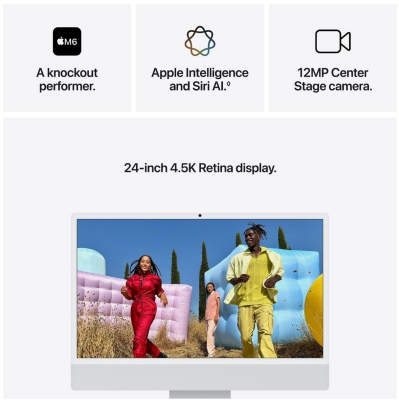
Apple 24" iMac M6 Chip 12-core CPU 12-core GPU 16GB RAM 256GB SSD All-in-One PC with Nano-Texture Glass - Silver, Apple iMac M6 Chip model MH2U4SO/A, 12-core CPU with 2 Super Cores & 4 Performance Cores & and 6 efficiency Cores, 12-core GPU with Neural accelerators, 16GB unified Memory, 256GB SSD storage, Nano-Texture Glass Display finish, 24" 4.5K Retina Display, 4480-by-2520 Resolution at 218 pixels per inch, Supports up to 1 Billion colours with wide Colour (P3), 500 nits brightness with True Tone Technology, Apple N1 Wireless Networking Chip, Wi-Fi 7 (802.11be) connectivity, Bluetooth 6 support, Two Thunderbolt 4 Ports with up to 40Gb/s Speed, 12MP center Stage camera with Desk View support, High-Fidelity six-speaker system with force-cancelling woofers, Three-Mic Array with directional beamforming











Specifications

Summary Overview:

Upgrade your workspace with the stunning Apple 24-inch iMac powered by the revolutionary M6 chip. This all-in-one desktop combines cutting-edge AI capabilities with a breathtaking 4.5K Retina display, making it perfect for professionals and creatives in South Africa who demand excellence. The Nano-texture Glass finish not only adds a premium silver look but also minimizes reflections, ensuring clarity even in bright environments.

Experience seamless performance for all your daily tasks, from editing high-resolution photos to running complex applications with ease. Equipped with 16GB of unified memory and a fast SSD, this iMac is ready to handle heavy workloads without slowing down. Connect effortlessly with Wi-Fi 7 and Bluetooth 6, and enjoy crystal-clear video calls using the advanced Center Stage camera.

Secure your future productivity today by adding this powerful machine to your setup. Buy now at our online store to get immediate access to the best technology for your home or office needs.

Performance tier: High-End

Uses: Graphic Design, Video Editing, Software Development, Home Office Work, Content Creation

Overview:

The Apple 24-inch iMac with the M6 chip redefines what an all-in-one desktop can be, blending stunning design with cutting-edge performance. Powered by the new Apple M6 chip featuring a 12-core CPU and 12-core GPU, this machine delivers a massive leap in speed and artificial intelligence capabilities to handle your daily tasks effortlessly. The vibrant Nano-texture Glass finish on the Silver model not only looks premium but also significantly reduces reflections, making it ideal for bright environments. With 16GB of unified memory and a 256GB SSD, you get smooth multitasking and quick access to your files right out of the box.

Description:

This product combines a brilliant 24-inch 4.5K Retina display with advanced Apple Intelligence features to enhance creativity and productivity. The sleek, thin design fits perfectly into any workspace while offering seven vibrant color options. Users will appreciate the seamless integration with other Apple devices via iPhone Mirroring and the powerful N1 wireless chip that supports Wi-Fi 7 for lightning-fast connectivity.

Features:

Performance and Design

The heart of this desktop is the M6 chip, which ensures everything from web browsing to video editing is smoother and more efficient. The system supports up to 32GB of unified memory in other configurations, but this model comes with 16GB for robust daily performance. The design philosophy focuses on getting you started immediately without complex setup procedures.

- Processor: Apple M6 chip with 12-core CPU (2 super cores, 4 performance cores, 6 efficiency cores) and 12-core GPU
- Graphics: Hardware-accelerated ray tracing and dual 16-core Neural Engine
- Memory: 16GB unified memory for seamless multitasking
- Storage: 256GB SSD for fast boot times and app launches
- Design: Strikingly thin all-in-one silhouette available in seven colors including Silver with Nano-texture Glass

Display Quality

Visuals are handled by a 24-inch Retina display that supports over a billion colors and offers 500 nits of brightness. The Nano-texture glass option specifically targets challenging lighting conditions to reduce glare, ensuring your content remains clear whether you are editing photos or working on documents.

- Resolution: 4480-by-2520 at 218 pixels per inch
- Brightness: 500 nits with True Tone technology
- Color Gamut: Wide color (P3) support for accurate reproduction
- Glass Type: Nano-texture glass reduces reflections effectively

Connectivity and Ports

Keeping your devices connected is effortless with the inclusion of Thunderbolt 4 ports and a high-speed Ethernet option. You can connect up to two external displays, expanding your workspace significantly. The device also features the latest wireless standards for reliable networking and peripheral connections.

- Data Ports: Four Thunderbolt / USB 4 ports (up to 40Gb/s) supporting video output
- Ethernet: 2.5Gb Ethernet port option available
- Audio Jack: 3.5 mm headphone jack with support for high-impedance headphones
- Wireless Networking: Apple N1 chip supporting Wi-Fi 7 (802.11be) and Bluetooth 6
- External Display Support: Capability to drive up to two external 6K displays

Camera, Audio, and Software

Communication looks professional with the 12MP Center Stage camera that automatically frames you as you move. The audio system is equally impressive, featuring six speakers with Spatial Audio support and a three-microphone array for crystal clear calls. Running on macOS, users get access to powerful apps, intuitive parental controls, and robust privacy protections like FileVault encryption.

- Camera: 12MP Center Stage camera with Desk View and advanced image signal processor
- Video Recording: Supports 1080p HD video recording
- Audio System: Six-speaker system with force-cancelling woofers for wide stereo sound
- Microphones: Three studio-quality mics with directional beamforming
- Spatial Audio: Support for Dolby Atmos playback and recording

The product is identified by the part number MH2U4SO/A. It represents a significant upgrade in AI capabilities, allowing users to run local models and utilize Apple Intelligence features while maintaining strict privacy standards.

What's in the box:

Everything you need to start working immediately is included in the package. The contents are carefully selected to ensure compatibility and ease of use from day one.

- iMac with 24-inch display
- Magic Keyboard
- Magic Mouse

- 143W power adapter
- Power cord (2 m)
- USB-C Charge Cable

Physical Dimensions and Weight

Despite its powerful internals, the iMac maintains a compact footprint suitable for desks of all sizes. The depth is minimal, allowing it to sit flush against walls or desks without taking up excessive space.

- Height: 461mm
- Width: 547 mm
- Depth: 147 mm
- Weight: 4.42 kg

Accessibility and Security

Apple has built in a wide range of accessibility features to ensure the device is usable by everyone, including VoiceOver, Zoom, and Switch Control. Security is handled through hardware-level protections like FileVault encryption and Touch ID on compatible models, ensuring your data remains safe from unauthorized access.

Specifications:

© 2026 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (http://www.comx.co.za), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

Specifications	
Product Code	MH2U4SO/A
Display glass	Nano-texture 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	MH2U4SO/A
Screen size	24-inch
Storage	256GB SSD
Model	Apple M6
Memory	16GB 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 included in the box with this iMac?

The package includes the 24-inch iMac, Magic Keyboard, Magic Mouse, a 143W power adapter, a 2-meter power cord, and a USB-C Charge Cable.

How does the nano-texture glass option benefit my workspace?

This model features nano-texture glass designed to reduce reflections in challenging lighting conditions while maintaining the stunning clarity of the 4.5K Retina display with up to one billion colors.

Can I connect multiple external displays or use this for video editing?

Yes, you can connect up to two external 6K displays via Thunderbolt 4 ports, and the M6 chip supports advanced video playback formats including HEVC, H.264, AV1, ProRes, and HDR with Dolby Vision.

Does this iMac support the latest wireless standards for connectivity?

The device uses an Apple N1 wireless networking chip to provide Wi-Fi 7 (802.11be) and Bluetooth 6 capabilities for fast data transfers and seamless connection to other devices.

Is the camera suitable for video calls with dynamic framing?

Yes, it features a 12MP Center Stage camera that automatically keeps you framed during video calls, along with a three-mic array designed for studio-quality audio capture.

Product Information Online

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

Product page:
https://www.comx.co.za/MH2U4SO-A-Apple-24-iMac-M6-Chip-12-core-CPU-12-core-GPU-16GB-RAM-256GB-SSD-All-in-p-342661.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx.co.za/terms-of-use.php
Terms of Sale: https://www.comx.co.za/terms-of-sale.php

PDF generated: 2026-11-22 03:18:09.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken

to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.