

## Apple iMac 24 M3 New (MQR93B/A)

All-in-one 24-inch iMac with Retina 4.5K display, M3 chip with 8-core CPU and 8-core GPU, 8GB RAM, 256GB SSD, Silver, Z195



It's the world's best all-in-one computer, and now it has the super powers of the M3 chip. The stunning 24" display gives you all the space you need, and the unmistakable design adds a splash of color to any room. iMac is ideal for working and playing in your own style.

### Key Selling Points

- A grand spectacle
- The beauty of the close-up
- To tell each other everything in the best way
- A sound that fills the room
- A brilliant combo
- Faster

### Product Features

#### A huge display

The large 24" Retina display gives you plenty of room to multitask, immerse yourself in movies and video games, and do whatever you want. Every detail is vivid and brilliant thanks to the 4.5K resolution and 500 nits of brightness: five times the resolution and nearly 70% more brightness. And everything you look at lights up with over a billion colors thanks to the wide P3 color gamut. Whatever you do, you always have a spectacular view on iMac.

#### The beauty of the close-up

This is the best video system ever seen on an iMac. Thanks to the built-in ISP processor, the M3 chip increases image quality by analyzing and enhancing every single pixel, at the rate of more than one trillion operations per second. The result: more effective noise reduction, incredible dynamic range, and even more balanced exposure to make you look your best in any light.

#### To say it all in the best way

When you're making video chats, recording a podcast, or live streaming, your iMac makes sure your voice always comes through loud and clear. The array of three professional-quality microphones is designed to reduce feedback. And beamforming sharply decreases background noise, so your listener will hear your words, but not what's going on around you.

#### Sound that fills the room

In any type of environment, iMac manages to create an incredibly enveloping sound experience. Two pairs of force-canceling woofers create rich, deep bass, and each pair is balanced by a high-performance tweeter for a massive soundstage that adds a new dimension to movies, games, and music. In addition, iMac supports spatial audio with Dolby Atmos. With the 4.5K Retina display and sound like this, it will be like having a movie theater in your home.

#### A brilliant combo

Together, the M3 chip and macOS bring the most innovative and advanced technologies to iMac—the result is an exceptional level of performance, efficiency, and security. Built with a next-generation process, the M3 chip works at incredible speed. Try keeping hundreds of panels open in the browser, create complex multimedia presentations or dive into games with spectacular graphics, and you'll see.

#### Faster

The M3 chip turbocharges gaming with frame rates up to 50% faster. And thanks to hardware-accelerated ray tracing, light and reflections are even more realistic. Retouching photos in Adobe Photoshop is up to twice as fast. And you can work smoothly with 100-megapixel images.

### Main Specifications

Product Description	Apple iMac with 4.5K Retina display - all-in-one - M3 - 8 GB - SSD 256 GB - LED 24" - UK
Type	Personal computer - all-in-one
Localisation	Language: English / region: United Kingdom
Processor	Apple M3 (8-core)
Processor Main Features	16-core Neural Engine, Hardware-accelerated ray tracing, 100 GB/s memory bandwidth, AV1 decode
RAM	8 GB

Hard Drive	SSD 256 GB - soldered
Optical Storage	No optical drive
Monitor	24" - LED - 4480 x 2520 (4.5K) - 218 ppi
Graphics Controller	Apple M3 8-core
Camera	Yes
Supported Digital Audio Standards	AAC, MP3, FLAC, Apple Lossless, Dolby Atmos, Dolby Digital, Dolby Digital Plus
Supported Digital Video Standards	H.264, HEVC, ProRes, ProRes RAW
Audio Output	Stereo
Networking	802.11a, 802.11b/g/n, Wi-Fi 5, 802.11ax (Wi-Fi 6E), Bluetooth 5.3
Keyboard	UK
Power	(50/60 Hz)
OS Provided	Apple macOS Sonoma 14.0
Software Included	Apple QuickTime, Apple iMovie, Apple Safari, Apple GarageBand, Photo Booth, Apple Time Machine, Apple FaceTime, Apple Preview, Mail, Maps, Photos, Reminders, App Store, Music, Contacts, Stocks, Notes, Calendar, Siri, Messages, Apple iBooks, Apple Keynote, Apple Pages, Apple Numbers, News, Voice Memos, Podcasts, Home, Apple TV, Find My, Apple Shortcuts, Apple Freeform
Colour	Silver
Dimensions (WxDxH)	54.7 cm x 14.7 cm x 46.1 cm
Weight	4.43 kg
Environmental Standards	ENERGY STAR Qualified
Carbon Footprint	359 kg carbon emissions
Rare Earth Materials	100% recycled rare earth elements
Manufacturer Warranty	Limited warranty - 1 year   Technical support - phone consulting - 90 days

## Extended Specification

### General

Type	Personal computer
Product Form Factor	All-in-one
Built-in Devices	Microphone array, 6 speakers
Colour	Silver
Localisation	Language:English / region:United Kingdom

### Processor / Chipset

CPU	Apple M3
Number of Cores	8-core
CPU Qty	1
Max CPU Qty	1
Processor Main Features	16-core Neural Engine, Hardware-accelerated ray tracing, 100 GB/s memory bandwidth, AV1 decode

### RAM

Installed Size	8 GB
Configuration Features	Unified memory

## Hard Drive

Type	SSD - soldered
Capacity	1 x 256 GB

## Optical Storage

Type	No optical drive
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## Monitor

Monitor Type	LED
Diagonal Size	24"
Native Resolution	4480 x 2520 (4.5K)
Widescreen Display	Yes
Pixel Density (ppi)	218
Image Brightness	500 cd/m <sup>2</sup>
Monitor Features	Retina display, HDR10 compatible, HLG gamma, P3 Wide Color Gamut, True Tone technology

## Graphics Controller

Graphics Processor	Apple M3 8-core
Video Interfaces	USB-C

## Multimedia Functionality

Supported Digital Audio Standards	AAC, MP3, FLAC, Apple Lossless, Dolby Atmos, Dolby Digital, Dolby Digital Plus
Supported Digital Video Standards	H.264, HEVC, ProRes, ProRes RAW

## Audio Output

Sound Output Mode	Stereo
Compliant Standards	Dolby Atmos
Speakers Included	6 x right / left channel

## Camera

Camera	Yes
Resolution	1080p
Features	FaceTime HD camera, advanced image signal processor (ISP)

## Input Device

Type	Mouse, keyboard
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## Keyboard

Keyboard Name	Apple Magic Keyboard
Connectivity	Wireless
Interface	Bluetooth
Localization & Layout	UK

## Mouse

Mouse Name	Apple Magic Mouse
Connectivity	Wireless
Technology	Laser
Interface	Bluetooth
Features	Multi-Touch

## Audio Input

Type	3-microphone array
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## Networking

Wireless LAN Supported	Yes
Data Link Protocol	IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax (Wi-Fi 6E), Bluetooth 5.3

## Expansion / Connectivity

Interfaces	2 x Thunderbolt 3/DisplayPort/USB4 1 x headphones
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## Miscellaneous

Included Accessories	Accessory kit
Cables Included	USB-C to Lightning cable
Compliant Standards	BFR-free, PVC-free, Beryllium-free, Mercury-free, Arsenic-free

## Power

Device Type	Power adapter
Voltage Required	AC 100-240 V (50/60 Hz)
Power Provided	143 Watt

## Operating System / Software

OS Provided	Apple macOS Sonoma 14.0
Software	Apple QuickTime, Apple iMovie, Apple Safari, Apple GarageBand, Photo Booth, Apple Time Machine, Apple FaceTime, Apple Preview, Mail, Maps, Photos, Reminders, App Store, Music, Contacts, Stocks, Notes, Calendar, Siri, Messages, Apple iBooks, Apple Keynote, Apple Pages, Apple Numbers, News, Voice Memos, Podcasts, Home, Apple TV, Find My, Apple Shortcuts, Apple Freeform

## Sustainability Information

ENERGY STAR Certified	Yes
Carbon Footprint	359 kg carbon emissions
Rare Earth Materials	100% recycled rare earth elements

## Manufacturer Warranty

Service & Support

Limited warranty - 1 year

Technical support - phone consulting - 90 days

### Dimensions & Weight

Width 54.7 cm

Depth 14.7 cm

Height 46.1 cm

Weight 4.43 kg

### Environmental Parameters

Min Operating Temperature 10 °C

Max Operating Temperature 35 °C

Humidity Range Operating 5 - 90% (non-condensing)

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet