AppleiMac 24 M3 New(MQRK3B/A)
Allinone 24inch iMac with Retina 4.5K displayM3 chip with 8core CPU and 10core GPU8GB RAM 512GB SSDSilverZ19E

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 512 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 512 GB - soldered
Optical Storage	No optical drive
Monitor	24" - LED - 4480 x 2520 (4.5K) - 218 ppi
Graphics Controller	Apple M3 10-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	GigE, 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	4.48 kg
Environmental Standards	ENERGY STAR Qualified
Carbon Footprint	389 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 512 GB

Optical Storage

Type	No optical drive

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/m²
Monitor Features	Retina display, HDR10 compatible, HLG gamma, P3 Wide Color Gamut, True Tone technology

Graphics Controller

Graphics Processor	Apple M3 10-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

Keyboard

Keyboard Name	Apple Magic Keyboard with Touch ID
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

Networking

Wireless LAN Supported	Yes
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, 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 2 x USB-C 3.1 Gen 2 1 x headphones

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 with gigabit ethernet
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	389 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	4.48 kg

Environmental Parameters

Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	5 - 90% (non-condensing)