

Apple iMac with 4.5K Retina display - All-in-one - M3 - RAM 8 GB - SSD 512 GB - M3 10-core GPU - GigE, 802.11ax (Wi-Fi 6E), Bluetooth 5.3 - WLAN: 802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3 - Apple macOS Sonoma 14.0 - monitor: LED 24" 4480 x 2520 (4.5K)



17-09-2024

SKU	Z19G
Product Description:	Apple iMac with 4.5K Retina display - all-in-one - M3 - 8 GB - SSD 512 GB - LED 24"
Type:	Personal computer - all-in-one
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

General

Type:	Personal computer
Product Form Factor:	All-in-one
Built-in Devices:	Microphone array, 6 speakers
Colour:	Yellow

Environmental Parameters

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

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

Dimensions & Weight

Width:	54.7 cm
Depth:	14.7 cm
Height:	46.1 cm
Weight:	4.48 kg

RAM

Installed Size:	8 GB
Configuration Features:	Unified memory

Manufacturer Warranty

Service & Support:	Limited warranty - 1 year Technical support - phone consulting - 90 days
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Sustainability Information

ENERGY STAR Certified:	Yes
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Hard Drive

Type:	SSD - soldered
Capacity:	1 x 512 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 ²
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

Sustainability Information

Carbon Footprint:	389 kg carbon emissions
Rare Earth Materials:	100% recycled rare earth elements

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

Power

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

Miscellaneous

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

Expansion / Connectivity

Interfaces:	2 x Thunderbolt 3/DisplayPort/USB4 2 x USB-C 3.1 Gen 2 1 x headphones
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Networking

Wireless LAN Supported:	Yes
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Camera

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

Input Device

Type:	Mouse, keyboard
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Networking

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
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Audio Input

Type:	3-microphone array
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Mouse

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

Keyboard

Keyboard Name:	Apple Magic Keyboard with Touch ID
Connectivity:	Wireless
Interface:	Bluetooth

