

iMac (24-inch, M6, Two ports) - Tech Specs

Year introduced: 2026

Colors

Blue

Purple

Pink

Orange

Yellow

Green

Silver

Chip

Apple M6 chip

10-core CPU with 2 super cores, 3 performance cores, and 5 efficiency cores

10-core GPU

Neural Accelerators

Hardware-accelerated ray tracing

Dual 16-core Neural Engine

Up to 170GB/s memory bandwidth

Media Engine

Hardware-accelerated H.264, HEVC, ProRes, and ProRes RAW

Video decode engine

Video encode engine

ProRes encode and decode engine

AV1 decode

Memory

16GB unified memory

Configurable to:

24GB

Storage[3]

256GB SSD

Configurable to:

512GB or 1TB

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.

Camera

12MP Center Stage camera with support for Desk View

1080p HD video recording

Advanced image signal processor with computational video

External Display Support

Supports one external display over Thunderbolt ports:

One display up to a native resolution of 6K at 60Hz or 4K at 165Hz

Simultaneously supports the built-in display at full native resolution

Thunderbolt / USB 4 (USB-C) ports support native DisplayPort 1.4 speeds

Video Playback

Supported formats include HEVC, H.264, AV1, and ProRes

HDR with Dolby Vision, HDR10+/HDR10, and HLG

Audio Playback

Supported formats include AAC, MP3, Apple Lossless, FLAC, Dolby Digital, Dolby Digital Plus, and Dolby Atmos

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”

Connections and Expansion

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

Configurable with 2.5Gb Ethernet

Input

Magic Keyboard

Magic Mouse

Configurable with:

Magic Keyboard with Touch ID and Numeric Keypad

Magic Trackpad

Wireless

Apple N1 wireless networking chip

Wi-Fi 7 (802.11be)[4]

Bluetooth 6

Thread networking technology

Size and Weight

Width: 21.5 inches (54.7 cm)

Height: 18.1 inches (46.1 cm)

Stand depth: 5.8 inches (14.7 cm)

Stand width: 5.1 inches (13 cm)

Weight: 9.7 pounds (4.42 kg)[5]

Electrical and Operating Requirements

Line voltage: 100–240V AC

Frequency: 50Hz to 60Hz, single phase

Operating temperature: 50° to 95° F (10° to 35° C)

Relative humidity: 5% to 90% noncondensing

Operating altitude: tested up to 16,400 feet (5000 meters)

In the Box

iMac

Magic Keyboard

Magic Mouse

143W power adapter

Power cord (2 m)

USB-C Charge Cable

Operating System

macOS

macOS is the most advanced desktop operating system in the world. Siri AI is a powerful and capable assistant with personal context understanding, broad world knowledge, and onscreen awareness. Express yourself through photos and images, save time with Safari, and get more done with Apple Intelligence seamlessly integrated into your everyday apps and experiences. And iPhone Mirroring,[6] window tiling, Sidecar, and more help you stay productive.

Apple Intelligence and Siri AI[1]

The next generation of Apple Intelligence is centered around you, integrated into your apps, and built with privacy. Apple Intelligence powers Siri AI — an entirely new version of Siri that's more personal, conversational, and powerful, along with helpful features across apps.

Learn more about Apple Intelligence and Siri AI

Accessibility

Accessibility features help people with disabilities get the most out of their new iMac. With built-in support for vision, hearing, mobility, and learning, you can create and do amazing things.

Learn more about Accessibility

Features include:

VoiceOver

Zoom

Motion, display, and text settings

Accessibility Reader

Voice Control

Switch Control

Closed Captions

Live Captions

Personal Voice and Live Speech

Built-in Apps[7]

App Store
Books
Calendar
Contacts
FaceTime
Find My
Freeform
GarageBand
Home
iMovie
iPhone Mirroring
Keynote
Mail
Maps
Messages
Music
News
Notes
Numbers
Pages
Passwords
Photo Booth
Photos
Podcasts
Preview
QuickTime Player
Reminders
Safari
Shortcuts
Stocks
Time Machine
Tips
TV
Voice Memos
Weather

Configure to Order

Configure your iMac with these options at apple.com:

Magic Keyboard with Touch ID and Numeric Keypad

Magic Trackpad

24GB unified memory

512GB or 1TB SSD

2.5Gb Ethernet

iMac and the Environment

Progress toward Apple 2030

Apple 2030 is our goal to be carbon neutral across our value chain. We design our products to be less carbon intensive by prioritizing the use of recycled and renewable content and low-carbon materials while focusing on the energy efficiency of our software and hardware.

See Apple's commitment

See the iMac Product Environmental Report (PDF)

Materials

iMac is made with 15% recycled content,[8] including:

100% recycled aluminum in the stand

50% recycled glass in the standard glass[9]

100% recycled gold plating in all Apple-designed printed circuit boards

50% recycled plastic in multiple components[9]

100% recycled rare earth elements in all magnets

100% recycled tin solder in all Apple-designed printed circuit boards

Packaging

100% fiber-based packaging[10]

Energy

ENERGY STAR® certified[11]

Smarter chemistry[12]

All of the materials used in Apple products, accessories, and packaging are covered by the requirements of our Regulated Substances Specification (PDF), which was one of the first in industry to restrict the use of key substances of concern. See the latest Environmental Progress Report (PDF) to understand Apple's recent efforts in phasing out these chemistries.

Acoustic Performance

Declared noise emission values in accordance with ECMA-109
Acoustic Performance

	Sound Power Level $L_{WA,m}$ (B)	Sound Pressure Level Operator Position $L_{pA,m}$ (dB)
Idle	1.6 (K_V = 0.3)	7
Wireless web	1.6 (K_V = 0.3)	7

1. $L_{WA,m}$ is the mean A-weighted sound power level, rounded to the nearest 0.1 B.

2. $L_{pA,m}$ is the mean A-weighted sound pressure level measured at operator position (rounded to the nearest 1 dB).
3. 1 B (bel) = 10 dB (decibel).
4. K_v is the statistical adder for computing upper-limit of A-weighted sound power level.
5. The quantity, $L_{WA,c}$ (formerly called L_{WAd}) may be computed from the sum of $L_{WA,m}$ and K_v.
6. The wireless web test browses 6 tabs with a mix of content including media.
7. Configuration tested: M6, 10-core CPU, 10-core GPU, 16GB unified memory, 256GB storage.

1. Apple Intelligence is available with Siri and device language set to Chinese (Simplified), Chinese (Traditional), Danish, Dutch, English, French, German, Italian, Japanese, Korean, Norwegian, Portuguese, Spanish, Swedish, Turkish, or Vietnamese. Some features may not be available in all regions or languages. Some devices may not be available in all regions. Siri AI is available in beta in macOS 27 and requires an Apple Intelligence–enabled device set to a supported language. Available in English, French, Japanese, Korean, Portuguese, and Spanish to start. Siri AI will not be initially available in the EU on iOS, iPadOS, and watchOS. Siri AI is not available for users under 13. Certain Apple Intelligence features that rely on server-side models are subject to daily usage limits, including but not limited to Siri AI, Intelligent Photo Editing Tools, Image Playground, and AFM 3 Cloud models in Shortcuts. Daily limits may vary by feature, request complexity, system demand, system policies, and other factors. Expanded access to such features will be available for a fee in the future. Use of these features is subject to the Apple Intelligence Terms and Conditions. Learn more at support.apple.com/148587.
2. Included with iMac systems with 12-core CPU.
3. Actual formatted capacity of SSD storage is less.
4. Wi-Fi 7 availability varies by country. For more information, visit support.apple.com/148165.
5. Weight varies by configuration and manufacturing process.
6. iPhone Mirroring is not available in all countries and regions. Some iPhone features (e.g., camera and microphone) are not compatible with iPhone Mirroring.
7. iMovie, GarageBand, Pages, Numbers, and Keynote are available on the Mac App Store. Downloading apps requires an Apple Account and a device that is compatible with the OS version required for each app.
8. Product recycled or renewable content is the mass of certified recycled material relative to the overall mass of the device, not including packaging or in-box accessories.
9. Calculation includes mass balance allocation.
10. Breakdown of U.S. retail packaging by weight. Adhesives, inks, and coatings are excluded from our calculations.
11. ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.
12. Apple's Regulated Substances Specification describes Apple's restrictions on the use of certain chemical substances in materials in Apple products, accessories, manufacturing processes, and packaging used for shipping products to Apple's end-customers. Restrictions are derived from international laws or directives, regulatory agencies, eco-label requirements, environmental standards, and Apple policies. Every Apple product is free of PVC and phthalates except for AC power cords in India, Thailand (for two-prong AC power cords), and South Korea, where we continue to seek government approval for our PVC and phthalates replacement. Apple products comply with the European Union Directive 2011/65/EU and its amendments, including exemptions for the use of lead such as high-temperature solder. Apple is working to phase out the use of these exempted substances for new products where technically possible.

Helpful? Yes No

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