iMac (Retina 5K, 27-inch, Late 2015) - Technical Specifications



Display

- 27-inch (diagonal) Retina 5K display with IPS technology
- 5120-by-2880 resolution with support for millions of colors

Processor

- **3.2GHz**
  3.2GHz quad-core Intel Core i5 (Turbo Boost up to 3.6GHz)
- **3.2GHz**
  3.2GHz quad-core Intel Core i5 (Turbo Boost up to 3.6GHz)
  Configurable to 4.0GHz quad-core Intel Core i7 (Turbo Boost up to 4.2GHz)
- **3.3GHz**
  3.3GHz quad-core Intel Core i5 (Turbo Boost up to 3.9GHz)
  Configurable to 4.0GHz quad-core Intel Core i7 (Turbo Boost up to 4.2GHz)

Memory

- 8GB (two 4GB) of 1867MHz DDR3 memory; four SO-DIMM slots, user accessible
  Configurable to 16GB or 32GB

Storage[1]

- **3.2GHz**
  1TB (7200-rpm) hard drive
  Configurable up to 3TB Fusion Drive or 256GB or 512GB of flash storage (SSD)
- **3.2GHz**
  1TB Fusion Drive
  Configurable up to 3TB Fusion Drive or 256GB, 512GB, or 1TB of flash storage (SSD)
- **3.3GHz**
  2TB Fusion Drive
  Configurable up to 3TB Fusion Drive or 256GB, 512GB, or 1TB of flash storage (SSD)

Graphics

- **3.2GHz**
  AMD Radeon R9 M380 graphics processor with 2GB of GDDR5 memory
- **3.2GHz**
  AMD Radeon R9 M390 graphics processor with 2GB of GDDR5 memory
- **3.3GHz**
  AMD Radeon R9 M395 graphics processor with 2GB of GDDR5 memory
  Configurable to AMD Radeon R9 M395X with 4GB of GDDR5 memory

Video Support and Camera

- FaceTime HD camera
- Simultaneously supports full native resolution on the built-in display and up to two 4096-by-2160 external displays or one 5120-by-2880 dual-cable external display
- Support for extended desktop and video mirroring modes

Audio

- Stereo speakers
- Dual microphones
- 3.5 mm headphone jack
  - Headphone/optical digital audio output (minijack)
  - Support for Apple iPhone headset with microphone

Connections and Expansion



- 3.5 mm headphone jack
- SDXC card slot
- Four USB 3 ports (compatible with USB 2)
- Two Thunderbolt 2 ports
  - Mini DisplayPort output
  - Support for HDMI, DVI, VGA, and dual-link DVI (adapters sold separately)
- 10/100/1000BASE-T Gigabit Ethernet (RJ-45 connector)
- Kensington lock slot

Input

- **Magic Keyboard**
  The redesigned Magic Keyboard comes standard with your iMac. It's wireless and rechargeable (so you won't be replacing batteries), with an ultracompact, edge-to-edge design that wastes no surface space. It has an improved scissor mechanism, optimized key travel, and a lower profile that increase control and comfort. And it pairs immediately with your iMac right out of the box.
- **Magic Mouse 2**
  The new design of Magic Mouse 2 lets it glide more smoothly across your desk. And since it supports Multi-Touch, you can use simple gestures on its surface to do things such as swipe between web pages and scroll through documents. So if you prefer to use a wireless mouse but want some of the benefits of Multi-Touch, Magic Mouse 2 is a great choice.
- **Magic Trackpad 2**
  If you prefer using a trackpad, Magic Trackpad 2 gives you the full range of Multi-Touch gestures and introduces Force Touch to the desktop. Sensors underneath the trackpad surface detect subtle differences in the amount of pressure you apply, bringing more functionality to your fingertips and enabling a deeper connection to your content. This new design, along with a lower profile, makes it even more comfortable to use.

Wireless

- **Wi-Fi**
  802.11ac Wi-Fi wireless networking
  IEEE 802.11a/b/g/n compatible
- **Bluetooth**
  Bluetooth 4.0 wireless technology

Size and Weight

- **27-inch iMac**
  Height: 20.3 inches (51.6 cm)
  Width: 25.6 inches (65.0 cm)
  Stand depth: 8 inches (20.3 cm)
  Weight: 21 pounds (9.54 kg)[2]
- **27-inch iMac with built-in VESA adapter**
  Height: 17.6 inches (44.7 cm)
  Width: 25.6 inches (65.0 cm)
  Depth (including built-in VESA adapter): 3.1 inches (7.9 cm)

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 95% noncondensing
- Operating altitude: tested up to 10,000 feet

Limited Warranty and Service

Your iMac comes with 90 days of free telephone support and a one-year limited warranty. Purchase the AppleCare Protection Plan to extend your service and support to three years from your computer's purchase date. Only the AppleCare Protection Plan provides you with direct telephone support from Apple technical experts and the assurance that repairs will be handled by Apple-authorized technicians using genuine Apple parts. For more information, visit Apple Support or call 1-800-823-2775.

In the Box

- iMac with Retina 5K display
- Magic Keyboard
- Magic Mouse 2
- Power cord
- Lightning to USB Cable

Operating System
macOS Sierra
macOS is the operating system that powers everything you do on a Mac. macOS Sierra introduces Siri to Mac[3] — along with new ways to enjoy your photos, shop more securely online, and work more seamlessly between devices.
Learn more

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

Features include:

- VoiceOver
- Zoom
- Increase Contrast
- Reduce Motion
- Siri and Dictation
- Switch Control
- Closed Captions
- Text to Speech

Built-in Apps[4]

- Photos
- iMovie
- GarageBand
- Pages
- Numbers
- Keynote
- Safari
- Mail
- Messages
- FaceTime
- Calendar
- Notes
- App Store
- iTunes
- iBooks
- Maps
- Contacts
- Reminders

Configure to Order
Configure your iMac with these options. Looking for an iMac you can mount on a wall or an adjustable arm? Choose an iMac with a Built-in VESA Mount Adapter.

- **3.2GHz**
  - Magic Trackpad 2
  - 16GB or 32GB memory upgrade
  - 1TB, 2TB, or 3TB Fusion Drive
  - 256GB or 512GB of flash storage (SSD)
- **3.2GHz**
  - Magic Trackpad 2
  - 4.0GHz quad-core Intel Core i7 upgrade
  - 16GB or 32GB memory upgrade
  - 2TB or 3TB Fusion Drive
  - 256GB, 512GB, or 1TB of flash storage (SSD)
- **3.3GHz**
  - Magic Trackpad 2
  - 4.0GHz quad-core Intel Core i7 upgrade
  - 16GB or 32GB memory upgrade
  - AMD Radeon R9 M395X upgrade

- 3TB Fusion Drive
- 256GB, 512GB, or 1TB of flash storage (SSD)

iMac and the Environment
Apple takes a complete product life cycle approach to determining our environmental impact. Learn more

iMac is designed with the following features to reduce its environmental impact:

- Arsenic-free display glass
- BFR-free
- PVC-free[5]
- Beryllium-free
- Mercury-free LED-backlit display
- Recyclable aluminum enclosure
- Speaker enclosures made with 35 percent post-consumer recycled plastic
- Meets ENERGY STAR Version 6.1 requirements
- Rated EPEAT Gold[6]

Apple and the Environment
Learn more about Apple's dedication to reducing the environmental impact of our products and process. Or read our Product Environmental Reports for detailed information on the environmental performance of every Apple product.

Recycling
Apple takes a holistic view of materials management and waste minimization. Learn more about how to recycle your Mac.

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

	Sound Power Level $L_{WA,m}$ **(B)**	**Sound Pressure Level Operator Position** $L_{pA,m}$ **(dB)**
Idle	2.25 (K_V = 0.25)	15.5
Wireless web	2.25 (K_V = 0.25)	15.5
Hard drive seek	2.25 (K_V = 0.25)	15.5

1. $L_{WA,m}$ is the mean A-weighted sound power level, rounded to the nearest 0.05 B.
2. $L_{pA,m}$ is the mean A-weighted sound pressure level measured at the operator position (rounded to the nearest 0.5 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 25 popular websites.
7. Configuration tested: 3.3GHz quad-core Intel Core i5 processor, 8GB memory, 2TB Fusion Drive, AMD Radeon R9 M395 graphics.

1. 1GB = 1 billion bytes and 1TB = 1 trillion bytes; actual formatted capacity less.
2. Weight varies by configuration and manufacturing process.
3. Siri may not be available in all languages or in all areas, and features may vary by area.
4. iMovie, GarageBand, Pages, Numbers, and Keynote are available on the Mac App Store. Downloading apps requires an Apple ID and a device that is compatible with the OS version required for each app.
5. PVC-free AC power cord available in all regions except India and South Korea.
6. iMac achieved a Gold rating from EPEAT in the U.S. and Canada.

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