

iMac (Retina 5K, 27-inch, Late 2014) – Technical Specifications

Languages English



Display

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

Processor

- 3.5GHz quad-core Intel Core i5 processor (Turbo Boost up to 3.9GHz)
Configurable to 4.0GHz quad-core Intel Core i7 (Turbo Boost up to 4.4GHz).

Memory

- 8GB (two 4GB) of 1600MHz DDR3 memory; four SO-DIMM slots, user accessible
Configurable to 16GB or 32GB.

Storage¹

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

Graphics

- AMD Radeon R9 M290X graphics processor with 2GB of GDDR5 memory
Configurable to AMD Radeon R9 M295X with 4GB of GDDR5 memory.

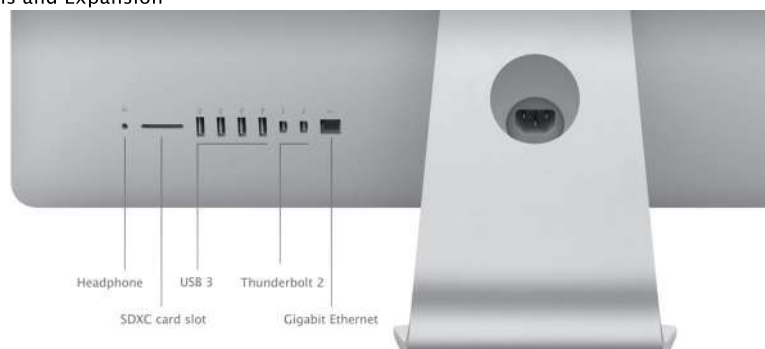
Video Support and Camera

- FaceTime HD camera
- Simultaneously supports full native resolution on the built-in display and up to 3840 by 2160 pixels on an external display
- Support for extended desktop and video mirroring modes

Audio

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

Connections and Expansion



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

Input

- **Apple Wireless Keyboard**
Full-size keyboard with 78 (U.S.) or 79 (ISO) keys, including 12 function keys and 4 arrow keys (inverted “T” arrangement)
- **Magic Mouse**
Smooth, seamless Multi-Touch surface with support for simple gestures (scrolling and swiping). Click and double-click anywhere. Ambidextrous construction accommodates left- and right-handed users.
- **Magic Trackpad**
Glass Multi-Touch trackpad for precise cursor control; supports inertial scrolling, pinch and expand, swipe, three-finger swipe, four-finger swipe, tap, double-tap, rotate, screen zoom, scroll, click and drag, click drag and lock, secondary click A and B.

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

- **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

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 800-823-2775.

In the Box



- iMac with Retina 5K display
- Apple Wireless Keyboard
- Apple Magic Mouse
- Power cord

Operating System

OS X Yosemite

Engineered to take full advantage of your Mac hardware, OS X Yosemite is intuitive and easy to use. It features an elegant design, includes enhancements to the apps you use most, and enables your Mac and iOS devices to work together in amazing ways. [Learn more >](#)

OS X Yosemite Includes:

- AirDrop
- AirPlay
- Dictation
- Gatekeeper
- Notification Center
- Facebook Integration
- Twitter Integration
- Multiple Display Support
- Finder Tabs and Tags
- iCloud
- iCloud Keychain
- iCloud Drive
- Family Sharing

- Dashboard
- Mission Control
- Spotlight Search
- Safari Power Saver
- App Nap
- Power Nap
- Compressed Memory
- Built-in Sharing

Built-in Apps

- iPhoto
- iMovie
- GarageBand
- Pages
- Numbers
- Keynote
- Maps
- iBooks
- Safari
- Mail
- FaceTime
- Messages
- Calendar
- Contacts
- Time Machine
- Photo Booth
- Mac App Store
- iTunes
- Game Center
- Preview
- Notes
- Reminders

Configure to Order

Configure your iMac with these options, only at the Apple Online Store.

Looking for an iMac with Retina 5K display you can mount on a wall or an adjustable arm? Choose an iMac with Retina 5K display and a Built-in VESA Mount Adapter.

27-inch iMac with Retina 5K display 3.5GHz

- Magic Trackpad
- 16GB memory upgrade (two 8GB)
- 32GB memory upgrade (four 8GB)
- 3TB Fusion Drive
- 256GB, 512GB, or 1TB of flash storage (SSD)
- 4.0GHz quad-core Intel Core i7 (Turbo Boost up to 4.4GHz)
- AMD Radeon R9 M295X graphics processor with 4GB of GDDR5 memory

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-free⁴
- Mercury-free LED-backlit display
- Highly recyclable aluminum and glass enclosures
- Meets ENERGY STAR Version 6.1 requirements
- Rated EPEAT Gold⁵

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	2.30 ($K_V=0.25$)	15.0
Wireless web	2.30 ($K_V=0.25$)	15.0
Hard drive seek	2.30 ($K_V=0.25$)	15.0

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 $L_{WA,d}$) 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: 3.5GHz quad-core Intel Core i5 processor, 8GB memory, 1TB Fusion Drive, AMD Radeon R9 M290X graphics.

Accessories and Software

Mac Software

- Aperture
- Logic Pro X
- Final Cut Pro X

Adapters

- Apple Mini DisplayPort to DVI Adapter
- Apple Mini DisplayPort to VGA Adapter
- Apple Mini DisplayPort to Dual-Link DVI Adapter

AirPort and Wireless

- AirPort Express
- AirPort Extreme
- AirPort Time Capsule

Other Accessories

- Magic Trackpad
- Apple USB SuperDrive
- Apple Battery Charger
- AppleCare Protection Plan

1. 1GB = 1 billion bytes and 1TB = 1 trillion bytes; actual formatted capacity less.
2. Weight varies by configuration and manufacturing process.
3. Pages, Numbers, and Keynote are free on the Mac App Store for qualifying Mac computers purchased on or after October 1, 2013. OS X Yosemite required. Downloading apps requires an Apple ID.
4. PVC-free AC power cord available in all regions except India and South Korea.
5. iMac achieved a Gold rating from EPEAT in the U.S. and Canada.

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Support