iMac

Design   Features   Performance   Why iMac?   The Environment   Tech Specs

Technical Specifications

Size and weight

21.5-inch iMac

Height: **17.75** inches (45.1 cm)

Width: **20.8** inches (52.8 cm)

Depth: **7.42** inches (18.85 cm)

Weight: **20.5** pounds (9.3 kg)[1]

27-inch iMac

Height: **20.4** inches (51.7 cm)

Width: **25.6** inches (65.0 cm)

Depth: **8.15** inches (20.7 cm)

Weight: **30.5** pounds (13.8 kg)[1]

Connections and expansion

- One FireWire 800 port; 7 watts
- Four USB 2.0 ports
- SD card slot

Communications

- Built-in AirPort Extreme 802.11n Wi-Fi wireless networking;[2] IEEE 802.11a/b/g compatible
- Built-in Bluetooth 2.1 + EDR (Enhanced Data Rate) wireless technology
- Built-in 10/100/1000BASE-T Gigabit Ethernet (RJ-45 connector)

Audio

- Built-in stereo speakers
- Two internal 17-watt high-efficiency amplifiers
- Headphone/optical digital audio output (minijack)
- Audio line in/optical digital audio input (minijack)
- Built-in microphone

Display

- Built-in 21.5-inch (viewable) or 27-inch (viewable) LED-backlit glossy widescreen TFT active-matrix liquid crystal display with IPS technology
- Resolution
  - 21.5-inch models: 1920 by 1080 pixels
  - 27-inch models: 2560 by 1440 pixels
- 16:9 aspect ratio
- Millions of colors at all resolutions
- Typical viewing angle: 178° horizontal; 178° vertical
- Typical brightness: 320 cd/m^2 (21.5-inch models); 375 cd/m^2 (27-inch models)
- 27-inch model can be attached to a wall mount, articulating arm, or other VESA-compliant mounting solution using the optional VESA Mount Adapter Kit

Graphics and video support

- 21.5-inch models, one of the following:
  - NVIDIA GeForce 9400M graphics processor with 256MB of DDR3 SDRAM shared with main memory[3]
  - ATI Radeon HD 4670 graphics processor with 256MB of GDDR3 memory

- 27-inch model with dual-core processor, one of the following:
  - ATI Radeon HD 4670 graphics processor with 256MB of GDDR3 memory
  - ATI Radeon HD 4850 graphics processor with 512MB of GDDR3 memory
- 27-inch model with quad-core processor:
  - ATI Radeon HD 4850 graphics processor with 512MB of GDDR3 memory

Processor and memory

- 21.5-inch and 27-inch models, one of the following:
  - 3.06GHz Intel Core 2 Duo processor with 3MB shared L2 cache
  - 3.33GHz Intel Core 2 Duo processor with 6MB shared L2 cache
- 27-inch models only, one of the following:
  - 2.66GHz quad-core Intel Core i5 processor with 8MB shared L3 cache; Turbo Boost dynamic performance up to 3.2GHz
  - 2.8GHz quad-core Intel Core i7 processor with 8MB shared L3 cache; Turbo Boost dynamic performance up to 3.46GHz; Hyper-Threading for up to eight virtual cores
- 4GB (two 2GB SO-DIMMs) of 1066MHz DDR3 SDRAM; four SO-DIMM slots support up to 16GB

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Storage[4]

- 21.5-inch models:
  - 500GB or 1TB 7200-rpm Serial ATA hard drive
  - Optional 2TB 7200-rpm Serial ATA hard drive
- 27-inch models:
  - 1TB 7200-rpm Serial ATA hard drive
  - Optional 2TB 7200-rpm Serial ATA hard drive

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Configurable options

View Configuration Options Chart

Optical drive

- Slot-loading 8x SuperDrive (DVD±R DL/DVD ±RW/CD-RW)
  - Writes DVD+R DL and DVD-R DL discs at up to 4x speed
  - Writes DVD-R and DVD+R discs at up to

- Built-in microphone
- Support for Apple Stereo Headset with microphone

- Built-in iSight camera
- Mini DisplayPort output port with support for DVI, VGA, and dual-link DVI (adapters sold separately). 27-inch models also support input from external DisplayPort sources (adapters sold separately).
- Support for extended desktop and video mirroring modes
- Simultaneously supports full native resolution on the built-in display and up to a 30-inch display (2560 by 1600 pixels) on an external display

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

- **Arsenic-free display glass**
- **BFR-free**
- **PVC-free** [5]
- **Highly recyclable aluminum and glass enclosures**
- **Meets ENERGY STAR 5.0 requirements**
- **Rated EPEAT Gold** [7]

Software

- Mac OS X v10.6 Snow Leopard (includes iTunes, Time Machine, Quick Look, Spaces, Spotlight, Dashboard, Mail, iChat, Safari, Address Book, QuickTime, iCal, DVD Player, Photo Booth, Front Row, Xcode Developer Tools)
- iLife (includes iPhoto, iMovie, iDVD, iWeb, GarageBand)

8x speed
- Writes DVD-RW discs at up to 6x speed and DVD+RW discs at up to 8x speed
- Reads DVDs at up to 8x speed
- Writes CD-R discs at up to 24x speed
- Writes CD-RW discs at up to 16x speed
- Reads CDs at up to 24x speed

Electrical and operating requirements

- Line voltage: 100–240V AC
- Frequency: 50Hz to 60Hz, single phase
- Maximum continuous power: 241W (21.5-inch models); 365W (27-inch models)
- Operating temperature: 50° to 95° F (10° to 35° C)
- Storage temperature: –4° to 116° F (–20° to 47° C)
- Relative humidity: 5% to 95% noncondensing
- Maximum altitude: 10,000 feet
- Typical acoustical performance
  - Sound pressure level (operator position): 18 dBA at idle [6]

What's included

In the box:

- iMac
- Apple Wireless Keyboard
- Magic Mouse
- Cleaning cloth
- Power cord
- Install/restore DVDs
- Printed and electronic documentation

Included software:

Mac OS X Snow Leopard
Includes iTunes, Time Machine, Quick Look, Spaces, Spotlight, Dashboard, Mail, iChat, Safari, Address Book, QuickTime, iCal, DVD Player, Photo Booth, Front Row, Xcode Developer Tools, and more. Learn more about Mac OS X Snow Leopard

iLife
Includes iPhoto, iMovie, GarageBand, and iWeb. Learn more about iLife

Accessories

Mac Software

iWork
Aperture
Logic Express
Final Cut Express
MobileMe Subscription

Displays and Graphics

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

AirPort & Wireless

Time Capsule
AirPort Express Base Station
AirPort Extreme Base Station

Other Accessories

VESA Mount Adapter Kit
AppleCare Protection Plan

Configurations See detailed pricing and configurations

	21.5-inch iMac	21.5-inch iMac	27-inch iMac	27-inch iMac
Processor	3.06GHz Intel Core 2 Duo			2.66GHz Intel Core i5 (quad core)
Cache	3MB shared L2 cache			8MB shared L3 cache
Frontside bus	1066MHz			—
Memory	4GB (two 2GB SO-DIMMs) of 1066MHz DDR3 SDRAM; supports up to 16GB			
Hard drive	500GB Serial ATA[4]; 7200 rpm	1TB Serial ATA[4]; 7200 rpm		
Optical drive	Slot-loading 8x SuperDrive with 4x double-layer burning (DVD±R DL/DVD±RW/CD-RW)			
Display	21.5-inch (viewable) LED-backlit glossy 16:9 widescreen TFT active-matrix display; 1920 by 1080 pixels; millions of colors; IPS technology		27-inch (viewable) LED-backlit glossy 16:9 widescreen TFT active-matrix display; 2560 by 1440 pixels; millions of colors; IPS technology	
Video	Built-in iSight camera; Mini DisplayPort output with support for DVI, dual-link DVI, and VGA video (requires adapters, sold separately)		Built-in iSight camera; Mini DisplayPort output with support for DVI, dual-link DVI, and VGA video (requires adapters, sold separately); supports input from external DisplayPort sources (requires cables and adapters, sold separately)	
Graphics	NVIDIA GeForce 9400M with 256MB of DDR3 SDRAM shared with main memory[3]	ATI Radeon HD 4670 with 256MB of GDDR3 memory	ATI Radeon HD 4850 with 512MB of GDDR3 memory	
FireWire	One FireWire 800 port; 7 watts			
USB	Four USB 2.0 ports			
SD Card	SD card slot			
Audio	Built-in stereo speakers with two internal 17-watt high-efficiency amplifiers, built-in microphone, optical digital audio output/headphone out, optical digital audio input/audio line in			
Ethernet	Built-in 10/100/1000BASE-T (Gigabit)			
Wireless	Built-in AirPort Extreme 802.11n Wi-Fi wireless networking[2]; built-in Bluetooth 2.1 + EDR (Enhanced Data Rate) wireless technology			
Included accessories	Apple Wireless Keyboard and Magic Mouse			
Other	Built-in IR receiver		Built-in IR receiver, optional VESA Mount Adapter Kit	
Configure-to-order options	3.33GHz Intel Core 2 Duo 8GB Memory Upgrade (four 2GB) - Apple Mouse - Apple Keyboard - Apple Keyboard with Numeric Keypad	3.33GHz Intel Core 2 Duo 8GB Memory Upgrade (four 2GB) 2TB Hard Drive - Apple Mouse - Apple Keyboard - Apple Keyboard with	3.33GHz Intel Core 2 Duo - ATI Radeon HD 4850 with 512MB of GDDR3 memory 8GB Memory Upgrade (two 4GB or four 2GB) 16GB Memory Upgrade (four 4GB)	2.8GHz Intel Core i7 (quad core) 8GB Memory Upgrade (two 4GB or four 2GB) 16GB Memory Upgrade (four 4GB) 2TB Hard Drive

■ Apple Remote ■ Software: iWork, Aperture, Logic Express, Final Cut Express	■ Apple Keyboard with Numeric Keypad ■ Apple Remote ■ Software: iWork, Aperture, Logic Express, Final Cut Express	■ 2TB Hard Drive ■ Apple Mouse ■ Apple Keyboard ■ Apple Keyboard with Numeric Keypad ■ Apple Remote ■ Software: iWork, Aperture, Logic Express, Final Cut Express	■ Apple Mouse ■ Apple Keyboard ■ Apple Keyboard with Numeric Keypad ■ Apple Remote ■ Software: iWork, Aperture, Logic Express, Final Cut Express

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.

Apple and the global environment

Learn more about Apple's dedication to reducing the environmental impact of our products and process. The Apple Product Environmental Specification details the environmental attributes of our products.
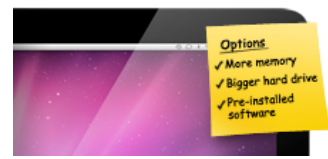
Recycling

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

PC to Mac. The basics.
Learn the basic differences between a PC and a Mac.

Configure your iMac.
Choose the options you want on the Apple Online Store. Fast, free shipping.

Buy iMac from $1199.

Apple Online Store
Configure an iMac. Get free shipping

Apple Retail Store
Test-drive iMac at a store near you

Call 1-800-MY-APPLE (800-692-7753).
Get Apple education pricing.
Find your local authorized reseller.

1. Weight varies by configuration and manufacturing process.
2. Wireless Internet access requires a wireless access point and Internet access; fees may apply.
3. Memory available to Mac OS X may vary depending on graphics needs. Minimum graphics memory usage is 256MB.
4. 1GB = 1 billion bytes and 1TB = 1 trillion bytes; actual formatted capacity less.
5. PVC-free AC power cord is available in the U.S., Canada, Mexico, Colombia, El Salvador, Guatemala, Panama, Peru, Puerto Rico, U.S. Virgin Islands, and Venezuela.
6. Acoustics measured on standard 21.5-inch and 27-inch iMac systems with 3.06GHz Intel Core 2 Duo processors. Acoustics may vary by configuration.
7. iMac achieved a Gold rating from EPEAT in the U.S., Canada, France, Germany, and the U.K.