

iMac (Early 2006) - Technical Specifications Configurations

	17-inch iMac (MA199LL)	20-inch iMac (MA200LL)
Processor	1.83GHz Intel Core Duo	2.0GHz Intel Core Duo
L2 Cache	2MB Shared	
System bus	667MHz	
Memory	512MB (single SODIMM) 667MHz DDR2 SDRAM (PC2-5300), supports up to 2GB	
Hard drive	160GB Serial ATA ¹ ; 7200 rpm	250GB Serial ATA ¹ ; 7200 rpm
Optical drive	Slot-loading 8x SuperDrive with 2.4x Dual Layer burn (DVD+R DL/DVD±RW/CD-RW)	
Display	17-inch (viewable) widescreen TFT active-matrix LCD, 1440 x 900 pixels, millions of colors	20-inch (viewable) widescreen TFT active-matrix LCD, 1680 x 1050 pixels, millions of colors
Video camera	Built-in iSight	
Graphics	ATI Radeon X1600 with 128MB GDDR3 memory	ATI Radeon X1600 with 128MB GDDR3 memory, with upgrade option to 256MB GDDR3 SDRAM
Ports	Two FireWire 400 ports; three USB 2.0 ports, two USB 1.1 ports (on keyboard); mini-DVI port; DVI output ² ; VGA output ² ; S-video and composite video output ²	
Audio	Built-in stereo speakers, built-in microphone, headphone/optical digital audio output, audio line in	
Networking	Built-in 10/100/1000BASE-T (Gigabit)	
Wireless	Built-in 54 Mbps AirPort Extreme (802.11g) ³ ; built-in Bluetooth 2.0+EDR (Enhanced Data Rate) module.	

Hardware accessories	Apple Remote, Apple Keyboard, Mighty Mouse
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 full years. 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-certified technicians using genuine Apple parts. For more information, visit Apple support or call 800-823-2775.

Options

Configure to Order

Graphics memory upgrade to 256MB GDDR3 SDRAM (20" only)
 250 GB hard drive (17" upgrade)
 500 GB hard drive (20" upgrade)
 Up to 2GB of 667MHz DDR2 SDRAM
 Apple Wireless Keyboard (M9270LL/A)
 Apple Wireless Mouse (M9269Z/A)
 Apple USB Modem (MA034Z/A)

Accessories

AirPort Express Base Station (M9470LL/A)
 AirPort Extreme Base Station (M8799LL/A)
 Apple 8x DVD-R Media Kit (M9472G/A)
 Apple mini-DVI to DVI Adapter (M9321G/A)
 Apple mini-DVI to VGA Adapter (M9320G/A)
 Apple mini-DVI to Video Adapter (M9319G/A)
 Apple FireWire Cable (M8706G/A)
 AppleCare Protection Plan (M8851LL/A)
 .Mac Subscription (M9888Z/A)
 iWork (MA222Z/A)

Technical Specifications

In the Box

iMac
 Apple Keyboard
 Mighty Mouse
 Apple Remote
 Power cord
 Install/restore DVDs
 Printed and electronic documentation

Processor and memory

1.83GHz or 2GHz Intel Core Duo processor
 2MB shared L2 cache at full processor speed
 667MHz system bus
 512MB (single SODIMM) of PC2-5300 (667MHz) DDR2 memory; two SODIMM slots support up to 2GB

Storage

160 or 250GB 7200-rpm Serial ATA hard disk drive
8x SuperDrive (DVD+R DL/DVD±RW/CD-RW) installed; writes DVD+R DL discs at up to 2.4x speed, writes DVD-R and DVD+R discs at up to 8x speed, writes DVD-RW and DVD+RW discs at up to 4x speed, reads DVDs at up to 8x speed, writes CD-R discs at up to 24x speed, writes CD-RW discs at up to 8x speed, reads CDs at up to 24x speed

Communications

Built-in 54-Mbps AirPort Extreme Card (802.11g standard)
Built-in Bluetooth 2.0+EDR (Enhanced Data Rate) module
Built-in 10/100/1000 Gigabit BASE-T Ethernet (RJ-45 connector)
Works with 56K V.92 Apple USB Modem (sold separately)

Display

Built-in 17-inch (viewable) widescreen or 20-inch (viewable) widescreen TFT active-matrix liquid crystal display
Millions of colors at all resolutions
Typical viewing angle:
17-inch model
140° horizontal
120° vertical
20-inch model
170° horizontal
170° vertical
Typical brightness: 250 cd/m (17-inch model); 280 cd/m (20-inch model)
Typical contrast ratio: 500:1 (17-inch model); 800:1 (20-inch model)

Graphics and Video

ATI Radeon X1600 graphics processor using PCI Express
128 MB of GDDR3 video memory
Mini-DVI output port with support for DVI, VGA, S-video, and composite video connections via adapter²
Built-in iSight camera
Support for external display in extended desktop
Digital resolutions up to 1920 x 1200
Analog resolutions up to 2045 x 1536
Support for external display in video mirroring mode

Electrical and environmental requirements

Meets ENERGY STAR requirements
Line voltage: 100-240V AC
Frequency: 50Hz to 60Hz, single phase
Maximum continuous power: 180W
Operating temperature: 50° to 95° F (10° to 35° C)
Storage temperature: -40° to 185° F (-40° to 85° C)
Relative humidity: 5% to 95% noncondensing
Maximum altitude: 10,000 feet

Size and weight (17-inch)

Height: 16.9 inches (43.0 cm)
Width: 16.8 inches (42.6 cm)
Depth: 6.8 inches (17.3 cm)
Weight: 15.5 pounds (7 kg)⁴

Size and weight (20-inch)

Height: 18.6 inches (47.2 cm)
Width: 19.4 inches (49.3 cm)
Depth: 7.4 inches (18.9 cm)
Weight: 22 pounds (10 kg)⁴

Peripheral connections

Two FireWire 400 ports; 8 watts shared
Total of five USB ports: three USB 2.0 ports (up to 480 Mbps) on computer, two USB 1.1 ports on keyboard

Audio

Built-in stereo speakers
Internal 12-watt digital amplifier
Headphone/optical digital audio output
Audio line input
Built-in microphone

Software

Mac OS X v10.4 Tiger (includes Spotlight, Dashboard, Mail, iChat AV, Safari, Address Book, QuickTime, iCal, DVD Player, Xcode Developer Tools)
iLife '06 (includes iTunes, iPhoto, iMovie HD, iDVD, iWeb, GarageBand), Microsoft Office 2004 for Mac Test Drive, iWork (30-day trial), Quicken 2006 for Macintosh, Big Bang Board Games, Comic Life, Omni Outliner, and Apple Hardware Test
Front Row
Photo Booth

1. 1GB = 1 billion bytes; actual formatted capacity less.
2. Requires adapter, sold separately.
3. Wireless Internet access requires AirPort Express or AirPort Extreme Base Station and Internet access (fees may apply). Some ISPs are not currently compatible with AirPort.
4. Weight varies by configuration and manufacturing process.

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Internet access requires a compatible Internet service provider; fees may apply.
Product contains electronic documentation.