

## Technical Specifications

### Size and weight

#### 20-inch iMac

- Height: **46.9** cm (18.5 inches)
- Width: **48.5** cm (19.1 inches)
- Depth: **18.9** cm (7.4 inches)
- Weight: **9.1** kg (20 pounds)<sup>1</sup>



#### 24-inch iMac

- Height: **52.0** cm (20.5 inches)
- Width: **56.9** cm (22.4 inches)
- Depth: **20.7** cm (8.1 inches)
- Weight: **11.5** kg (25.4 pounds)<sup>1</sup>

### Connections and expansion

- One FireWire 400 port and one FireWire 800 port; 7 watts each
- Total of five USB 2.0 ports: three ports on computer, two ports on keyboard


### Communications

- Built-in AirPort Extreme Wi-Fi wireless networking<sup>2</sup> (based on IEEE 802.11n draft (specification); IEEE 802.11a/b/g compatible) 
- Built-in Bluetooth 2.1 + EDR (Enhanced Data Rate) 
- Built-in 10/100/1000BASE-T Gigabit Ethernet (RJ-45 connector)

### Audio

- Built-in stereo speakers
- Internal 24-watt digital amplifier
- Headphone/optical digital audio output (minijack)
- Audio line in/optical digital audio input (minijack)
- Built-in microphone

### Installed software

- Mac OS X v10.5 Leopard (includes Time Machine, Quick Look, Spaces, Spotlight, Dashboard, Mail, iChat, Safari, Address Book, QuickTime, iCal, DVD Player, Photo Booth, Front Row, Xcode Developer Tools) 
- iLife '08 (includes iTunes, iPhoto, iMovie, iDVD, iWeb, GarageBand)

### Display




- Built-in 20-inch (viewable) or 24-inch (viewable) glossy widescreen TFT active-matrix liquid crystal display
- Resolution
  - 20-inch models: 1680 by 1050 pixels
  - 24-inch model: 1920 by 1200 pixels
- Millions of colours at all resolutions
- Typical viewing angle
  - 20-inch models: 160° horizontal, 160° vertical
  - 24-inch models: 178° horizontal, 178° vertical



- Typical brightness: 290 cd/m<sup>2</sup> (20-inch models); 385 cd/m<sup>2</sup> (24-inch model)
- Typical contrast ratio: 800:1 (20-inch models); 750:1 (24-inch model)

### Graphics and video support

- 20-inch model with 2.4GHz processor
  - ATI Radeon HD 2400 XT graphics processor with 128MB of GDDR3 memory 
- 20-inch model with 2.66GHz processor
  - ATI Radeon HD 2600 PRO graphics processor with 256MB of GDDR3 memory
- 24-inch model with 2.8GHz or 3.06GHz processor, one of the following:
  - ATI Radeon HD 2600 PRO graphics processor with 256MB of GDDR3 memory
  - NVIDIA GeForce 8800 GS graphics processor with 512MB of GDDR3 memory

- Mini-DVI output port with support for DVI, VGA, S-video and composite video connections via adapter<sup>3</sup>

- Built-in iSight camera
- Support for external display in extended desktop mode
  - Digital resolutions up to 1920 by 1200 pixels



### Processor and memory

- 2.4GHz, 2.66GHz, 2.8GHz or 3.06GHz Intel Core 2 Duo processor
- 6MB shared L2 cache at full processor speed
- 1066MHz frontside bus
- 1GB (one 1GB SO-DIMM) or 2GB (two 1GB SO-DIMMs) of 800MHz DDR2 SDRAM; two SO-DIMM slots support up to 4GB

### Storage

#### Hard drive<sup>4</sup>

- 20-inch model with 2.4GHz processor
  - 250GB Serial ATA 7200-rpm hard drive
  - Optional 320GB or 500GB Serial ATA 7200-rpm hard drive
- 20-inch model with 2.66GHz processor
  - 320GB Serial ATA 7200-rpm hard drive
  - Optional 500GB or 750GB Serial ATA 7200-rpm hard drive
- 24-inch model with 2.8GHz or 3.06GHz processor
  - 320GB Serial ATA 7200-rpm hard drive
  - Optional 500GB, 750GB or 1TB Serial ATA 7200-rpm hard drive



#### 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 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: 200W (20-inch models); 280W (24-inch model)
- Operating temperature: 10° to 35° C (50° to 95° F)
- Storage temperature: -40° to 85° C (-40° to 185° F)
- Relative humidity: 5% to 95% noncondensing

- o Analogue resolutions up to 2048 by 1536 pixels

- Maximum altitude: 3,000 m (10,000 feet)

- Support for external display in video mirroring mode

- Majority of circuit board laminates are free of brominated flame retardants



- Majority of internal cables are PVC-free

- Meets ENERGY STAR requirements



- Received a Silver rating from EPEAT

### What's in the box

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



### Configurations



20-inch iMac (MB323X/A)



20-inch iMac (MB324X/A)



24-inch iMac (MB325X/A)

<b>Processor</b>	2.4GHz Intel Core 2 Duo	2.66GHz Intel Core 2 Duo	2.8GHz Intel Core 2 Duo
<b>L2 cache</b>	6MB shared		
<b>Frontside bus</b>	1066MHz		
<b>Memory</b>	1GB (one 1GB SO-DIMM) of 800MHz DDR2 SDRAM; supports up to 4GB	2GB (two 1GB SO-DIMMs) of 800MHz DDR2 SDRAM; supports up to 4GB	
<b>Hard drive</b>	250GB Serial ATA <sup>4</sup> ; 7200 rpm	320GB Serial ATA <sup>4</sup> ; 7200 rpm	
<b>Optical drive</b>	Slot-loading 8x SuperDrive with 4x double-layer burning (DVD±R DL/DVD±RW/CD-RW)		
<b>Display</b>	20-inch (viewable) glossy widescreen TFT active-matrix LCD, 1680 by 1050 pixels, millions of colours		24-inch (viewable) glossy widescreen TFT active-matrix LCD, 1920 by 1200 pixels, millions of colours
<b>Video</b>	Built-in iSight camera; mini-DVI output port with support for DVI, VGA, S-video and composite video connections via adapter <sup>3</sup>		
<b>Graphics</b>	ATI Radeon HD 2400 XT with 128MB of GDDR3 memory	ATI Radeon HD 2600 PRO with 256MB of GDDR3 memory	
<b>FireWire</b>	One FireWire 400 port and one FireWire 800 port; 7 watts each		
<b>USB</b>	Three USB 2.0 ports on computer; two USB 2.0 ports on keyboard		
<b>Audio</b>	Built-in stereo speakers with 24-watt digital amplifier, built-in microphone, optical digital audio output/headphone out, optical digital audio input/audio line in		

<b>Ethernet</b>	Built-in 10/100/1000BASE-T (Gigabit)		
<b>Wireless</b>	Built-in AirPort Extreme (802.11n) <sup>2</sup> ; built-in Bluetooth 2.1 + EDR (Enhanced Data Rate)		
<b>Hardware accessories</b>	Apple Remote, Apple Keyboard and Mighty Mouse		
<b>Other</b>	Built-in IR receiver	Built-in IR receiver, optional VESA mount adapter kit	
<b>Configure-to-order options</b>	<ul style="list-style-type: none"> <li>• 2GB Memory Upgrade (two 1GB)</li> <li>• 4GB Memory Upgrade (two 2GB)</li> <li>• 320GB or 500GB Hard Drive</li> <li>• Apple Wireless Keyboard</li> <li>• Wireless Mighty Mouse</li> <li>• Apple USB Modem</li> <li>• Software: iWork '08, Aperture, Logic Express, Final Cut Express</li> </ul>	<ul style="list-style-type: none"> <li>• 4GB Memory Upgrade (two 2GB)</li> <li>• 500GB or 750GB Hard Drive</li> <li>• Apple Wireless Keyboard</li> <li>• Wireless Mighty Mouse</li> <li>• Apple USB Modem</li> <li>• Software: iWork '08, Aperture, Logic Express, Final Cut Express</li> </ul>	<ul style="list-style-type: none"> <li>• 3.06GHz Intel Core 2 Duo</li> <li>• NVIDIA GeForce 8800 GS w/ 512MB GDDR3 Memory</li> <li>• 4GB Memory Upgrade (two 2GB)</li> <li>• 500GB, 750GB or 1TB Hard Drive</li> <li>• Apple Wireless Keyboard</li> <li>• Wireless Mighty Mouse</li> <li>• Apple USB Modem</li> <li>• Software: iWork '08, Aperture, Logic Express, Final Cut Express</li> </ul>
<b>Limited warranty and service</b>	Your iMac comes with 90 days of free telephone support and a one-year limited warranty. Purchase the <b>AppleCare Protection Plan</b> 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 <b>Apple support</b> .		
<b>Apple and the global environment</b>	Learn more about Apple's dedication to reducing the environmental impact of our products and process. The <b>Apple Product Environmental Specification</b> details the environmental attributes of our products.		
<b>Recycling</b>	Apple takes a holistic view of materials management and waste minimisation. Learn more about how to recycle your Mac.		

## Options



### Accessories

- Time Capsule (MB276X/A)
- AirPort Express Base Station (MB321X/A)
- AirPort Extreme Base Station (MB053X/A)
- Apple Wireless Keyboard (MB167LL/A)
- Apple wireless Mighty Mouse (MB111ZM/A)
- Apple Mini-DVI to DVI Adapter (M9321G/B)
- Apple Mini-DVI to VGA Adapter (M9320G/A)
- Apple Mini-DVI to Video Adapter (M9319G/A)
- Apple FireWire Cable (M8706G/A)
- AppleCare Protection Plan (MA520FE/A)
- iMac 24-inch VESA Mount Adapter (MB060G/A)

### Applications

- iWork (MA790Z/A)
- Aperture (MB284Z/A)
- Logic Express (MA806X/A)
- Final Cut Express (MB278Z/A)
- .Mac Subscription (MA927Z/A)

1. Weight varies by configuration and manufacturing process.
2. Wireless Internet access requires a wireless access point and Internet access; fees may apply.
3. Adapters are sold separately.
4. 1GB = 1 billion bytes and 1TB = 1 trillion bytes; actual formatted capacity less.

### iWork '08

Word processing, spreadsheets, and presentations made stunningly simple.



### Anatomy of a Mac

A helpful intro to Mac basics.



### Which Wi-Fi are you?

Choose the best base station for you.



### iMac

Buy Now



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