



# eMac



## Features

### G4 supercomputer performance

- Apple's most affordable G4-based system gives you supercomputer performance at a great value.
- PowerPC G4 processor with Velocity Engine speeds up complex multimedia processing, including Apple's digital lifestyle applications.

### Flat-out fabulous design

- 17-inch (16-inch viewable) flat CRT display delivers a large viewing area, high resolution, and crisp, clear images.
- Compact, space-saving design reduces desktop clutter.
- All-in-one system makes it easy to get started; just plug in the computer and you're ready to go.

### Everything for your digital lifestyle

- Mac OS X is reliable and crash resistant; it makes working and playing on eMac easier than ever.
- eMac includes Apple's award-winning iPhoto, iMovie 2, and iTunes 2 software.
- Built-in USB and FireWire ports let you connect digital cameras, DV camcorders, iPod, and high-performance storage devices.
- CD-RW drive enables you to burn custom music and data CDs.
- High-fidelity, digitally amplified stereo speakers sound great.

### Fast, easy Internet access

- 10/100BASE-T Ethernet and high-speed 56K modem<sup>1</sup> are included—no PCI cards or third-party software required.
- Setup Assistant software gets you on the Internet in just minutes.
- Mac OS X Mail and Microsoft Internet Explorer help you communicate and browse the Internet.
- Support for AirPort (IEEE 802.11b) wireless networking makes wireless Internet surfing easy.

Wireless Internet access requires AirPort Card, AirPort Base Station, and Internet access (fees may apply). Some ISPs are not currently compatible with AirPort. Range may vary with site conditions.

Meet eMac, Apple's most affordable G4-based system ever. eMac features a 17-inch flat CRT display in an amazingly simple and small all-in-one design that includes everything you need for work and play.

Driven by a PowerPC G4 processor with Velocity Engine, eMac delivers supercomputer performance that greatly accelerates intensive multimedia functions, like ripping CDs, making movies, and playing games. With eMac, you not only can do more—you'll see more, too. Its gorgeous 17-inch (16-inch viewable) flat CRT display provides almost 40 percent more viewing area than a 15-inch CRT display. While reducing glare to make viewing easier on your eyes, the eMac flat screen also creates less distortion than a curved CRT, providing clearer and sharper images. And with the power of NVIDIA GeForce2 MX graphics, images will be amazingly vivid for thrilling 3D gaming.

Loaded with software and features that no Windows-based PC offers, eMac comes complete with everything you need for your digital lifestyle—including Mac OS X, so you can easily make the most of your digital devices. Using iPhoto, you can import, organize, and share your digital photos with family and friends in minutes. With iMovie and a FireWire-equipped DV camcorder, capturing digital video footage and creating and sharing high-quality digital movies is a breeze. iTunes allows you to digitize your entire CD collection, arrange songs in customized playlists, download to an Apple iPod or other MP3 player, or listen to your tunes through the digitally amplified stereo speaker system in your eMac.<sup>2</sup> With the built-in CD-RW drive, you can even burn your music on CDs. eMac also includes five plug-and-play USB ports and two FireWire ports to make it simple to connect all of your favorite peripherals.

eMac features Mac OS X, Apple's powerful yet easy-to-use operating system. Reliable and crash resistant, it also makes sharing and transferring files between your Mac and Windows-based PCs easy. eMac comes with software built for Mac OS X, including AppleWorks, Quicken 2002 Deluxe, and World Book Mac OS X Edition. And you'll find thousands of other applications built for Mac OS X, including Microsoft Office.

eMac also has everything you need to get onto the Internet, and thanks to Mac OS X, you can be online in minutes. eMac comes with a built-in modem and Ethernet for high-speed DSL and cable modem connections, and it's ready for AirPort (IEEE 802.11b) wireless networking, which lets you surf the Internet without wires from almost anywhere in your home or office.

eMac. All the power and value you're looking for—in one easy-to-use computer.



## Specification Sheet

eMac

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### Technical Specifications

#### Processor and memory

- 700MHz PowerPC G4 processor with Velocity Engine
- 256K on-chip level 2 cache at full processor speed
- 100MHz system bus
- 128MB of SDRAM; two 168-pin DIMM slots support up to 1GB using 128MB, 256MB, or 512MB DIMMs

#### Storage

- 40GB Ultra ATA hard disk drive<sup>3</sup>
- 24x10x32x-speed (maximum) CD-RW drive
- Support for external FireWire and USB storage devices

#### Display

- Built-in 17-inch flat CRT (16-inch diagonal viewable image size); 0.25-mm dot pitch
- Onscreen geometry adjustment to keep display images properly aligned throughout the computer's lifetime

#### Graphics support

- Five screen resolutions: 640 by 480 pixels at 138Hz, 800 by 600 pixels at 112Hz, 1024 by 768 pixels at 89Hz, 1152 by 864 pixels at 80Hz, and 1280 by 960 pixels at 72Hz
- NVIDIA GeForce2 MX graphics processor with AGP 2X support
- 32MB of dedicated Double Data Rate (DDR) SDRAM video memory

#### Communications

- Built-in 10/100BASE-T Ethernet (RJ-45 connector)
- Built-in 56K V.90 modem (RJ-11 connector)<sup>1</sup>
- Built-in antennas and card slot for optional 11-Mbps AirPort Card; IEEE 802.11b compliant<sup>4</sup>

#### Peripheral connections

- Two 400-Mbps FireWire (IEEE 1394) ports<sup>5</sup>; 8 watts shared
- Total of five USB 1.1 ports: three on computer (shared on two 12-Mbps controllers); two on keyboard

#### Audio

- Integrated high-performance stereo audio system
- Internal 16-watt digital amplifier
- Built-in microphone for speech recognition and audio recording
- Headphone jack (headphones not included)
- Analog audio input minijack; up to 16-bit stereo and 44.1kHz sampling rate
- Support for external USB audio devices

#### Video

- Mini-VGA output port (requires VGA display adapter)
- Support for video mirroring: external devices display an image identical to that shown on the built-in display

#### Keyboard and mouse

- Apple Pro Keyboard with full-size function and navigation keys, audio controls, and media-eject key
- Apple Pro Mouse with optical sensor for maintenance-free use and precise cursor control

#### Electrical requirements and agency approvals

- Line voltage: 100V AC or 220V AC depending on country of use
- Frequency: 47Hz to 63Hz, single phase
- Maximum continuous power: 170W
- Meets ENERGY STAR and TCO 95 requirements

#### Environmental requirements

- Operating temperature: 50° to 95° F (10° to 35° C)
- Storage temperature: -40° to 116° F (-40° to 47° C)
- Relative humidity: 5% to 95% noncondensing
- Maximum altitude: 10,000 feet

#### Size and weight

- Height: 15.8 inches (40.6 cm)
- Width: 15.8 inches (40.6 cm)
- Depth: 17.1 inches (43.3 cm)
- Weight: 50 pounds (22.7 kg)



## Specification Sheet

eMac



### Configurations

Order no.	M8577LL/A
Processor	700MHz PowerPC G4
Memory	128MB
Hard drive <sup>3</sup>	40GB Ultra ATA
Optical drive	CD-RW
Graphics support	NVIDIA GeForce2 MX with 32MB of DDR SDRAM
FireWire	Two ports
USB	Five ports
VGA video mirroring	Yes
Modem <sup>1</sup>	56K
Ethernet	10/100BASE-T
Wireless networking <sup>4</sup>	AirPort ready

Includes Apple Pro Keyboard; Apple Pro Mouse; Mac OS X v10.1, Mac OS 9.2, QuickTime, iMovie 2, iPhoto, iTunes 2, AppleWorks, Mac OS X Mail, Microsoft Internet Explorer, EarthLink, AOL, Quicken 2002 Deluxe, World Book Mac OS X Edition, Mac OS X Chess, Otto Matic, Deimos Rising, PCalc, Acrobat Reader, and FAXstf 10.0 Preview; Apple Hardware Test CD; complete setup, learning, and reference documentation; limited warranty; and 30 days of free Internet service through EarthLink.

Internet access requires an Internet service account; fees may apply. Product contains electronic documentation. Backup copy of software is provided on CD-ROM.

### Build-to-Order Options

In addition to choosing from Apple's preconfigured systems, you can order an eMac with factory-installed options such as additional RAM and AirPort wireless networking from your authorized Apple reseller or the Apple Store online. For up-to-date information, visit [www.apple.com/store](http://www.apple.com/store) or call 800-MY-APPLE.

### Other Options

Product	Order no.
eMac Tilt and Swivel Stand	M8784G/A
Apple FireWire Cable (4-pin to 6-pin)	M8494G/A
AirPort Card	M7600LL/D
AirPort Base Station	M8209LL/A
iPod (5GB)	M8513LL/A
iPod (10GB)	M8709LL/A
AppleCare Protection Plan	M7812LL/B

### Service and Support

Your eMac comes with 90 days of 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 [www.apple.com/support/products](http://www.apple.com/support/products) or call 800-823-2775.

### For More Information

For more information about this product or to find out where to buy Apple products, visit [www.apple.com/hardware](http://www.apple.com/hardware) or call 800-538-9696. You can purchase Apple products from your authorized Apple reseller, the online Apple Store ([www.apple.com/store](http://www.apple.com/store) or 800-MY-APPLE), or Apple's retail stores.

Visit the Macintosh Products Guide at [www.apple.com/guide](http://www.apple.com/guide) for the latest information on thousands of hardware and software products for your new computer.

- 1 Actual modem speeds lower; speed depends on connection rate and other factors.
- 2 iTunes is for legal or rightholder-authorized copying only. Don't steal music.
- 3 1GB = 1 billion bytes; actual formatted capacity less.
- 4 Wireless Internet access requires AirPort Card, AirPort Base Station, and Internet access (fees may apply). Some ISPs are not currently compatible with AirPort. Range may vary with site conditions.
- 5 Actual rates will vary.



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