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[EveryMac.com Home](#)**Apple iPhone (Original/EDGE) 4, 8, 16 GB Specs**

Identifiers: iPhone (Original) - MA712LL/A* - iPhone1,1 - A1203 - N/A

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The original iPhone is a handheld device combining mobile phone, iPod, and Internet communications functionality. It is a Quad-band GSM capable phone -- 850, 900, 1800, and 1900 MHz -- and features a 3.5" display with 320x480 resolution at 163 ppi, 4 GB, 8 GB, or 16 GB of flash memory (4 GB model discontinued September 5, 2007, 16 GB model introduced February 5, 2008), built-in support for Wi-Fi (802.11b/g), EDGE, and Bluetooth 2.0, as well as an integrated 2.0 megapixel camera all packed in a stylish case a mere 0.46 of an inch thick that weighs 4.0 ounces.

Although initially announced as providing "up to" 16 hours of audio playback and "up to" 5 hours of "talk, video, and browsing", on June 18, 2007, Apple boosted these numbers to "up to" 8 hours of talk time, 24 hours of audio playback, 7 hours of video playback, and 6 hours of web browsing. It provides "up to" 250 hours of standby time.

Perhaps most notably, the original iPhone introduced a "multi-touch" interface that allows one to control the functions of the system by dragging one or more fingers across the "optical quality" glass display.

The original iPhone also has an accelerometer that allows the device to "know" whether it is being held in portrait or landscape mode and switch automatically, an ambient light sensor to adjust screen brightness based on need, and a "proximity sensor" to turn off the display when it is held to the ear.

Also see: [What](#) exactly is the iPhone?**PowerMax.com**

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Introduction Date:	January 9, 2007*	Discontinued Date:	June 9, 2008**
Processors:	1	Geekbench:	135*
Processor Speed:	412 Mhz	Processor Type:	Samsung ARM 11*
Details:	*Apple provides no information regarding the iPhone processor, simply that it is a "closed system", but it uses an Apple branded processor, identified as a Samsung ARM 11 (S5C) that is downclocked to 412 Mhz. For graphics, it uses a PowerVR MBX-Lite graphics processor. For more information, please refer to the disassembly guide from the always excellent iFixit .		
Onboard RAM:	128 MB*	Storage Capacity:	4, 8, 16 GB
Song Capacity:	N/A*	Photo Capacity:	N/A*
USB Support:	Sync & Charge	Firewire Support:	None
Details:	The iPhone does not offer a "disk mode" for file transfer, although third-party solutions are available. It does not support Firewire. Also see: Can you "beam" music, photos, and videos between iPhones? Can you "beam" data files between iPhones? Does the iPhone support "disk mode" when connected to a computer?		
Connectivity:	USB	Ports:	Dock, Headphone
Details:	N/A		
Case Type:	Handheld	Form Factor:	iPhone
Housing Color:	Black	Controller:	Multi-touch
Details:	The patented "multi-touch" interface allows one to control the functions of the system by dragging one or more fingers across the display. Also see: How does the iPhone "multi-touch" interface work? Who developed the "multi-touch" interface originally?		
Built-in Display:	3.5" Color	Display Resolution:	320x480 (163 ppi*)
Details:	*The iPhone has a 3.5" 320 by 480 display. Apple originally reported the pixels per inch as 160, but later changed this to 163. Also see: How does the iPhone touchscreen feel? Is the touchscreen really better than a keypad with tactile feedback? Site sponsor Mission Repair offers free diagnosis of iPhone hardware problems and a 24-hour repair service for this iPhone . Display replacement, battery replacement, and more are provided.		
Standard Wireless:	802.11b/g*	Standard Bluetooth:	2.0
Cell Network:	Quad-Band*	Camera:	2.0 Megapixels
Battery Type:	Lithium Ion	Battery Life (Music):	24 Hours
Details:	Apple provides no information regarding the battery type that the iPhone uses, but the always excellent iFixit disassembled the device and discovers that it has a 3.7v Lithium Ion battery soldered to the logicboard. Although originally announced as providing "up to" 16 hours of audio playback, on June 18, 2007, Apple boosted this estimate to 24 hours. Also see: What is the battery life of the iPhone? Can you replace the battery?		
Battery Life (Voice):	8 Hours	Standby Time:	250 Hours
Details:	Although originally announced as providing "up to" 16 hours of audio playback and "up to" 5 hours of "talk, video, and browsing", on June 18, 2007, Apple boosted these numbers to "up to" 8 hours of talk time, 24 hours of audio playback, 7 hours of video playback, and 6 hours of web browsing. It provides "up to" 250 hours of standby time.		
Apple Order No:	MA712LL/A*	Apple Subfamily:	iPhone (Original)
Details:	*The order number MA712LL/A refers to the 8 GB configuration. Order number MA501LL/A refers to the 4 GB configuration, and MB384LL/A refers to the 16 GB configuration.		
Apple Model No:	A1203 (EMC N/A)	Model ID:	iPhone1,1
Details:	Please note that these identifiers often refer to more than one model. Also see: All iPhones with the A1203 Model Number, the N/A EMC Number, and the iPhone1,1 Model Identifier.		
Pre-Installed OS:	iPhone OS 1.0 (1A543a)*	Maximum OS:	iPhone OS 3.1.3
Details:	*Apple originally just said that the iPhone runs "OS X" and did not release version information, but it ran "OS X" build 1A543a, specifically. Please note that this is not the same as MacOS X. On March 17, 2009, upon unveiling a developer's preview of the third version of the operating system, Apple started referring to it as the "iPhone OS" and on June 7, 2010, Apple changed the name again to simply "iOS".		

	This model is not capable of running versions of the operating system beyond iPhone OS 3.1.3.		
Dimensions:	4.5 x 2.4 x 0.46	Avg. Weight:	4.8 oz. (135 g)
Mac Support:	MacOS X 10.4.10	Windows Support:	Windows XP SP2/Vista
Audio Support:	Apple reports that the iPhone supports "AAC, Protected AAC, MP3, MP3 VBR, Audible (formats 1, 2, and 3), Apple Lossless, AIFF, and WAV."		
Photo Support:	Apple did not formally specify photo formats for the iPhone. The Safari web browser, however, supports JPG, GIF, and TIFF images, and the iPod function of the iPhone supports images synchronized from iTunes.		
Video Support:	Apple reports that the iPhone supports "H.264 video, up to 1.5 Mbps, 640 by 480 pixels, 30 frames per second, Low-Complexity version of the H.264 Baseline Profile with AAC-LC audio up to 160 Kbps, 48kHz, stereo audio in .m4v, mp4, and .mov file formats; H.264 video, up to 768 Kbps, 320 by 240 pixels, 30 frames per second, Baseline Profile up to Level 1.3 with AAC-LC audio up to 160 Kbps, 48kHz, stereo audio in .m4v, mp4, and .mov file formats; MPEG-4 video, up to 2.5 Mbps, 640 by 480 pixels, 30 frames per second, Simple Profile with AAC-LC audio up to 160 Kbps, 48kHz, stereo audio in .m4v, mp4, and .mov file formats."		
Incl. Accessories:	Shipped with a "stereo headset, dock, dock connector to USB cable, USB power adapter, and a cleaning cloth".		
Original Price:	US\$499, US\$599*	Est. Current Retail:	US\$100-US\$200
Details:	*The 4 GB version originally was US\$499 and the 8 GB version was US\$599. On September 5, 2007, a mere two months after it shipped, Apple discontinued the 4 GB model and dropped the price of the 8 GB version to US\$399. On February 5, 2008, Apple introduced a 16 GB configuration for US\$499.		

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Most Frequently Asked iPhone Q&As:

What are the differences between the iPhone 4 and the iPhone 3GS?

What are the differences between the iPhone 4 (AT&T/GSM) and the iPhone 4 (Verizon/CDMA)? Which one should I buy?

What are the differences between the service plans offered by AT&T and Verizon for the iPhone 4? What is the total cost of ownership on each carrier? Which is the best deal for me?

What new features are offered by iOS 4? How much does it cost? Is it free?

Can you purchase the iPhone models "unlocked"?

What are the "pros and cons" of the iPhone 4? Is the iPhone 4 "worth it" for me?

How does the iPhone 4 (CDMA/Verizon) speed compare to the iPhone 4 (GSM/AT&T) model? Which is faster?

Which iPhone, iPod touch and iPad models fully support iOS 4? Which models partially support iOS 4? For models that "partially" support iOS 4, which features are and are not supported?

What is the battery life of the iPhone 4 in "real-world" tests? Is the battery replaceable?

How do the cameras in the iPhone 4 compare to the camera in earlier iPhone models? Does the iPhone 4 provide a camera that is "good" for my needs?

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