Original iPhone to new iPhone 3G Comparison Chart

The following comparison of the iPhone and iPhone 3G identifies the key differences in hardware. Differences are highlighted in red.

	iPhone	iPhone 3G
Height	115mm	115.5mm (0.5mm taller)
Width	61mm	62.1mm (1.1mm wider)
Depth	11.6mm	12.3mm (0.7mm thicker)
Weight	135g	133g (2g lighter)
Color	8 or 16GB in Black	**8GB in Black; 16GB in White or Black**
Material	Aluminum Back	**Plastic Back**
Capacity	8 or 16GB flash drive	8 or 16GB flash drive
Display	3.5" diagonal 480 by 320 pixel resolution at 163ppi	3.5" diagonal 480 by 320 pixel resolution at 163ppi
Network	Quad Band GSM (850, 900,1800, 1900)	**UMTS/HSDPA (850, 1900, 2100)** and Quad Band GSM (850, 900,1800, 1900)
Wireless Data	Wi-Fi (802.11b/g), EDGE, Bluetooth 2.0+EDR	Wi-Fi (802.11b/g), EDGE, **HSDPA**, Bluetooth 2.0+EDR
GPS	Cell tower/Wi-Fi triangulation	**GPS**
Battery	Built in rechargable lithium ion battery Talk- 8hr Standby- 250hr Internet- 6hr Video Play-7hr Audio Play-24hr	Built in rechargable lithium ion battery Talk- **5hr on 3G & 10 hr on 2G** Standby- **300hr** Internet- **5hr on 3G & 6hr on Wi-Fi**, Video Play - 7hr Audio Play-24hr
Camera	2.0MPX, iPhone and 3rd party application integration	2.0MPX, **geotagging**, iPhone and 3rd party application integration
Sensors	Accelerometer, Proximity Sensor, Ambient Light Sensor	Accelerometer, Proximity Sensor, Ambient Light Sensor
Audio	AAC, protected AAC, MP3, MP3 VBR, Audible (formats 1,2, and 3), Apple Lossless, AIFF, and WAV	AAC, protected AAC, MP3, MP3 VBR, Audible (formats 1,2, and 3), Apple Lossless, AIFF, and WAV
Video	H.264 video up to 1.5Mbps, 640x480 pixels, 30 frames per second, Low complexity version of the H.264 Baseline profile with AAC-LC audio up to 160Kbps, 48kHz, stereo audio in .m4v and .mov file formats. H264 Video, up to 768 Kbps, 320 x 240 pixels, 30 frames per second, baseline profile up to Level 1.3 with AAC-LC audio up to 160Kbps, 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.	H.264 video up to 1.5Mbps, 640x480 pixels, 30 frames per second, Low complexity version of the H.264 Baseline profile with AAC-LC audio up to 160Kbps, 48kHz, stereo audio in .m4v and .mov file formats. H264 Video, up to 768 Kbps, 320 x 240 pixels, 30 frames per second, baseline profile up to Level 1.3 with AAC-LC audio up to 160Kbps, 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.
Included Accessories	Stereo Headset w/ mic, **Dock**, Dock Connector to USB Cable, USB Power Adapter, Documentation, Cleaning/Polishing Cloth	Stereo Headset w/ mic, Dock Connector to USB Cable, USB power adapter, Documentation, Cleaning/Polishing Cloth, **SIM ejector tool**
Mac Requirements	Mac computer with USB 2.0, MacOS Xv10.4.10 or later, iTunes 7.5 or later	Mac computer with USB 2.0, MacOS Xv10.4.10 or later, **iTunes 7.7** or later
Windows Requirements	PC w/ USB2.0, Windows Vista Home Premium, Business, Enterprise, or Ultimate Ed; or Windows XP Home or Pro w/ SP2 or later, iTunes 7.5 or later	PC w/ USB2.0, Windows Vista or Windows XP Home or Pro w/ SP2 or later, **iTunes 7.7** or later

iPhone 2.0 Software Update

iPhone 3G comes with the latest iPhone 2.0 software. Starting July 11th, 2008, customers with the original iPhone can update for free via iTunes to iPhone 2.0 software to take advantage of great new features and functionality. Below is a quick summary of the new features.

App Store
Apple's new App Store enables users to download a variety of new 3rd party applications covering games, business, education, entertainment, finance, health and more.

Support for push email, contacts and calendars with Microsoft Exchange Active Sync
Support for Microsoft Exchange Active Sync is now available for iPhone. So businesses can have push email, calendar, and contacts for their employees using iPhone. (Both iPhone and iPhone 3G customers who intend to use Microsoft Exchange Server should enroll in an Enterprise Data Plan for iPhone.)

MobileMe support
MobileMe is a new service from Apple for your iPhone, iPod touch, Mac and PC that allows you to keep al your email, contacts, calendars up to date and in sync via push technology. It's like Microsoft Exchange for the rest of us. When information is changed on any of your iPhone, Mac, PC or iPod Touch, updates will automatically be pushed to all your other devices, wirelessly.

Email Management
Now you can keep your email inbox organized even better. Move or delete multiple emails at a time and organize groups of messages by moving them into different folders.

Contacts Search
Type a name into the new Contacts search field and iPhone lists matching names from the local address book or a company's Global Address List (for Microsoft Exchange users only).

Additional Language Support
For its worldwide release, iPhone with 2.0 supports more languages and dictionaries for auto-complete and spelling check.

Email Attachment Support
iPhone currently displays more than a dozen file formats and now it will also display Apple's iWork and Microsoft PowerPoint files.

Scientific Calculator
Now you can rotate the iPhone horizontally to transform the standard calculator into a scientific calculator including functions for solving advanced mathematic problems.