

Weight and Dimensions²

Height: 4.87 inches (123.8 mm)
Width: 2.31 inches (58.6 mm)
Depth: 0.30 inch (7.6 mm)
Weight: 3.95 ounces (112 grams)



Chips

A7 chip with 64-bit architecture



M7 motion coprocessor



Cellular and Wireless

Model A1533 (GSM)[®]: UMTS/HSPA+/DC-HSDPA (850, 900, 1700/2100, 1900, 2100 MHz); GSM/EDGE (850, 900, 1800, 1900 MHz); LTE (Bands 1, 2, 3, 4, 5, 8, 13, 17, 19, 20, 25)

802.11a/b/g/n Wi-Fi
Bluetooth 4.0 wireless technology

Location

Assisted GPS and GLONASS
Digital compass
Wi-Fi
Cellular
iBeacon microlocation

Touch ID

Fingerprint identity sensor built into the Home button

Display	Retina display 4-inch (diagonal) LED-backlit widescreen Multi-Touch display with IPS technology 1136-by-640-pixel resolution at 326 ppi 800:1 contrast ratio (typical) 500 cd/m2 max brightness (typical)	Full sRGB standard Fingerprint-resistant oleophobic coating on front Support for display of multiple languages and characters simultaneously
iSight Camera	8 megapixels with 1.5μ pixels <i>f</i> /2.2 aperture Sapphire crystal lens cover True Tone flash Backside illumination sensor Five-element lens Hybrid IR filter Autofocus	Tap to focus Exposure control Auto HDR for photos Face detection Panorama Auto image stabilization Burst mode Photo geotagging
Video Recording	1080p HD video recording (30 fps) True Tone flash Slo-mo video (120 fps) Time-lapse video Video stabilization	Take still photos while recording video Face detection 3x zoom Video geotagging
FaceTime Camera	1.2MP photos (1280 by 960) <i>f</i> /2.4 aperture 720p HD video recording Auto HDR for photos Backside illumination sensor Face detection Exposure control	
Video Calling ³	FaceTime iPhone 5s to any FaceTime-enabled device over Wi-Fi or cellular HVGA-resolution (480 by 368) calls over Wi-Fi	
Audio Calling ³	FaceTime iPhone 5s to any FaceTime-enabled device over Wi-Fi or cellular Wi-Fi calling ⁴	
Audio Playback	Audio formats supported: AAC (8 to 320 Kbps), Protected AAC (from iTunes Store), HE-AAC, MP3 (8 to 320 Kbps), MP3 VBR, Audible (formats 2, 3, 4, Audible Enhanced Audio, AAX, and AAX+), Apple Lossless, AIFF, and WAV User-configurable maximum volume limit	
TV and Video	AirPlay Mirroring, photos, audio, and video out to Apple TV (2nd generation or later) Video mirroring and video out support: Up to 1080p through Lightning Digital AV Adapter	

video mirroring and video out support. Up to 1080p through Lightning Digital AV Adapter and Lightning to VGA Adapter (adapters sold separately)

Video formats supported: H.264 video up to 1080p, 60 frames per second, High Profile level 4.2 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 per channel, 48kHz, stereo audio in .m4v, .mp4, and .mov file formats; Motion JPEG (M-JPEG) up to 35 Mbps, 1280 by 720 pixels, 30 frames per second, audio in ulaw, PCM stereo audio in .avi file format

Intelligent Assistant⁵

Siri

Use your voice to send messages, set reminders, and more

Use hands-free

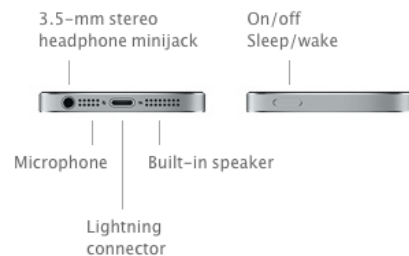
Listen and identify songs

External Buttons and Connectors

External buttons and controls



Connectors and input/output



Power and Battery⁶

Built-in rechargeable lithium-ion battery

Charging via USB to computer system or power adapter

Talk time: Up to 10 hours on 3G

Standby time: Up to 250 hours

Internet use: Up to 8 hours on 3G, up to 10 hours on LTE, up to 10 hours on Wi-Fi

Video playback: Up to 10 hours

Audio playback: Up to 40 hours

Sensors

Touch ID

Three-axis gyro

Accelerometer

Proximity sensor

Ambient light sensor

Operating System



iOS 8

With amazing new capabilities and updates to features you use every day, iOS 8 is the biggest iOS release ever. [Learn more about iOS 8 >](#)

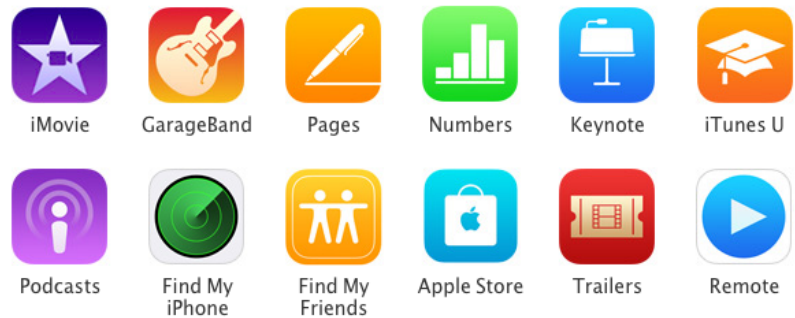
iOS 8 includes

- AirDrop
- AirPlay
- CarPlay
- Control Center
- Family Sharing
- iCloud Drive
- iTunes Radio
- Multitasking
- Notification Center
- QuickType keyboard
- Siri
- Spotlight Search

Built-in Apps



Free Apps from Apple⁷



Headphones

Apple EarPods with Remote and Mic
Storage and travel case



SIM Card

Nano-SIM
iPhone 5s is not compatible with existing micro-SIM cards.

Connector

Lightning



Rating for Hearing Aids

iPhone 5s (Model A1453, A1533): M3, T4
iPhone 5s (Model A1457, A1530): M4, T4

Mail Attachment Support

Viewable document types

.jpg, .tiff, .gif (images); .doc and .docx (Microsoft Word); .htm and .html (web pages); .key (Keynote); .numbers (Numbers); .pages (Pages); .pdf (Preview and Adobe Acrobat); .ppt and .pptx (Microsoft PowerPoint); .txt (text); .rtf (rich text format); .vcf (contact information); .xls and .xlsx (Microsoft Excel); .zip; .ics

System Requirements

Apple ID (required for some features)

Internet access⁸

Syncing with iTunes on a Mac or PC requires:

- Mac: OS X v10.6.8 or later
- PC: Windows 8; Windows 7; Windows Vista; or Windows XP Home or Professional with Service Pack 3 or later
- iTunes 11.1 or later (free download from www.itunes.com/download)

Environmental Requirements

Operating ambient temperature: 32° to 95° F (0° to 35° C)

Nonoperating temperature: -4° to 113° F (-20° to 45° C)

Relative humidity: 5% to 95% noncondensing

Operating altitude: tested up to 10,000 feet (3000 m)

Languages

Language support

English (Australia, Canada, UK, U.S.), Chinese (Simplified, Traditional, Traditional Hong Kong), French (Canada, France), German, Italian, Japanese, Korean, Spanish (Mexico, Spain), Arabic, Catalan, Croatian, Czech, Danish, Dutch, Finnish, Greek, Hebrew, Hindi, Hungarian, Indonesian, Malay, Norwegian, Polish, Portuguese (Brazil, Portugal), Romanian, Russian, Slovak, Swedish, Thai, Turkish, Ukrainian, Vietnamese

QuickType keyboard support

English (Australia, Canada, India, UK, U.S.), Chinese – Simplified (Handwriting, Pinyin, Stroke), Chinese – Traditional (Cangjie, Handwriting, Pinyin, Stroke, Sucheng, Zhuyin), French (Canada, France, Switzerland), German (Germany, Switzerland), Italian, Japanese (Kana, Romaji), Korean, Spanish, Arabic, Bengali, Bulgarian, Catalan, Cherokee, Croatian, Czech, Danish, Dutch, Emoji, Estonian, Filipino, Finnish, Flemish, Greek, Hawaiian, Hebrew, Hindi, Hungarian, Icelandic, Indonesian, Latvian, Lithuanian, Macedonian, Malay, Marathi, Norwegian, Polish, Portuguese (Brazil, Portugal), Romanian, Russian, Serbian (Cyrillic, Latin), Slovak, Slovenian, Swedish, Tamil, Thai, Turkish, Ukrainian, Urdu, Vietnamese

QuickType keyboard support with predictive input⁹

English (Australia, Canada, India, UK, U.S.), Chinese (Simplified, Traditional), French (Canada, France, Switzerland), German (Germany, Switzerland), Italian, Japanese, Spanish, Portuguese (Brazil), Thai

Siri languages

English (Australia, Canada, UK, U.S.), Spanish (Mexico, Spain, U.S.), French (Canada, France, Switzerland), German (Germany, Switzerland), Italian (Italy, Switzerland), Japanese, Korean, Mandarin (Mainland China, Taiwan), Cantonese (Hong Kong)

Dictation languages

English (Australia, Canada, India, UK, U.S.), Spanish (Mexico, Spain, U.S.), French (Canada, France, Switzerland), German (Germany, Switzerland), Italian (Italy, Switzerland), Japanese, Korean, Mandarin (Mainland China, Taiwan), Cantonese (Hong

Kong), Catalan, Croatian, Czech, Danish, Dutch, Finnish, Greek, Hungarian, Indonesian, Malaysian, Norwegian, Polish, Portuguese (Brazil, Portugal), Romanian, Russian, Slovakian, Swedish, Turkish, Thai, Ukrainian, Vietnamese

Definition dictionary support

English, Chinese (Simplified), French, German, Italian, Japanese, Korean, Spanish, Dutch, Portuguese (Brazil), Russian, Thai, Turkish

Bilingual dictionary support

Simplified Chinese, Japanese, Korean, Spanish

Spell Check

English (Australia, Canada, UK, U.S.), French, German, Italian, Spanish, Danish, Dutch, Polish, Portuguese (Brazil, Portugal), Russian, Swedish, Turkish