

iPhone 6 – Technical Specifications

Languages 

Finish

- Silver
- Gold
- Space Gray

Capacity¹

- 16GB
- 32GB
- 64GB
- 128GB

Weight and Dimensions²

- Height: 5.44 inches (138.1 mm)
- Width: 2.64 inches (67.0 mm)
- Depth: 0.27 inch (6.9 mm)
- Weight: 4.55 ounces (129 grams)

Display

- Retina HD display
- 4.7-inch (diagonal) LED-backlit widescreen Multi-Touch display with IPS technology
- 1334-by-750-pixel resolution at 326 ppi
- 1400:1 contrast ratio (typical)
- 500 cd/m² max brightness (typical)
- Full sRGB standard
- Dual-domain pixels for wide viewing angles
- Fingerprint-resistant oleophobic coating on front
- Support for display of multiple languages and characters simultaneously
- Display Zoom
- Reachability

Chips

- A8 chip with 64-bit architecture
- M8 motion coprocessor

iSight Camera

- 8-megapixel iSight camera with 1.5 μ pixels
- Autofocus with Focus Pixels
- f/2.2 aperture
- Optical image stabilization (iPhone 6 Plus only)
- True Tone flash
- Five-element lens
- Hybrid IR filter
- Backside illumination sensor
- Sapphire crystal lens cover
- Auto image stabilization
- Auto HDR for photos
- Face detection
- Exposure control
- Panorama (up to 43 megapixels)
- Burst mode
- Tap to focus
- Photo geotagging

- Timer mode

Video Recording

- 1080p HD video recording (30 fps or 60 fps)
- True Tone flash
- Slo-mo video (120 fps or 240 fps)
- Time-lapse video with stabilization
- Cinematic video stabilization
- Continuous autofocus video
- Take still photos while recording video
- Improved face detection
- 3x zoom
- Video geotagging

FaceTime HD Camera

- 1.2-megapixel photos
- f/2.2 aperture
- 720p HD video recording
- Backside illumination sensor
- Auto HDR for photos and videos
- Face detection
- Burst mode
- Exposure control
- Timer mode

Touch ID

- Fingerprint identity sensor built into the Home button

Apple Pay

- Pay with your iPhone using Touch ID in stores and in apps

Learn more about Apple Pay

Cellular and Wireless

- **Model A1549 (GSM)* / Model A1522 (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, 7, 8, 13, 17, 18, 19, 20, 25, 26, 28, 29)
- **Model A1549 (CDMA)* / Model A1522 (CDMA)***
 - CDMA EV-DO Rev. A and Rev. B (800, 1700/2100, 1900, 2100 MHz)
 - 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, 7, 8, 13, 17, 18, 19, 20, 25, 26, 28, 29)

Model A1586* / Model A1524*

- CDMA EV-DO Rev. A and Rev. B (800, 1700/2100, 1900, 2100 MHz)
- UMTS/HSPA+/DC-HSDPA (850, 900, 1700/2100, 1900, 2100 MHz)
- TD-SCDMA 1900 (F), 2000 (A)
- GSM/EDGE (850, 900, 1800, 1900 MHz)
- FDD-LTE (Bands 1, 2, 3, 4, 5, 7, 8, 13, 17, 18, 19, 20, 25, 26, 28, 29)
- TD-LTE (Bands 38, 39, 40, 41)
- **All models**
 - 802.11 a/b/g/n/ac Wi-Fi
 - Bluetooth 4.2 wireless technology
 - NFC

Location

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

Video Calling³

- FaceTime video
- Initiate video calls over Wi-Fi or cellular to any FaceTime-enabled device

Audio Calling³

- FaceTime audio
- iPhone 6 to any FaceTime audio-enabled device over Wi-Fi or cellular
- Voice over LTE (VoLTE)⁴

- Wi-Fi calling⁴

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 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

Siri⁵

- Use your voice to send messages, set reminders, and more
- Get proactive suggestions
- Use hands-free
- Listen and identify songs

Learn more about Siri

External Buttons and Connectors

- Home/Touch ID sensor
- Volume up/down
- Ring/silent
- On/off-Sleep/wake
- Microphone
- Lightning connector
- 3.5mm headphone jack
- Built-in speaker

Power and Battery⁶

- Built-in rechargeable lithium-ion battery
- Charging via USB to computer system or power adapter
- Talk time: Up to 14 hours on 3G
- Internet use: Up to 10 hours on 3G, up to 10 hours on LTE, up to 11 hours on Wi-Fi
- HD video playback: Up to 11 hours
- Audio playback: Up to 50 hours
- Standby time: Up to 10 days

Sensors

- Touch ID
- Barometer
- Three-axis gyro
- Accelerometer
- Proximity sensor
- Ambient light sensor

Operating System

iOS 9

The world's most advanced mobile operating system gets major enhancements to built-in apps, a smarter Siri and search, and much more. Learn more about iOS 9

iOS 9 includes:

- AirDrop
- AirPlay
- AirPrint
- Control Center
- Notification Center
- Siri
- Spotlight Search
- Facebook Integration
- Twitter Integration
- iCloud
- iCloud Keychain
- Multitasking
- Wallet

Built-in Apps

- Camera
- Photos
- Health
- Messages
- Phone
- FaceTime
- Mail
- Music
- Wallet
- Safari
- Maps
- Calendar
- iTunes Store
- App Store
- Notes
- News
- Contacts
- iBooks
- Game Center
- Weather
- Reminders
- Voice Memos
- Clock
- Videos
- Stocks
- Calculator
- Compass
- Podcasts
- Watch
- Tips
- iCloud Drive
- Find My iPhone
- Find My Friends

Free Apps from Apple⁷

- iMovie
- Pages
- Keynote
- Numbers
- iTunes U
- GarageBand
- Apple Store
- Trailers
- Remote

Headphones

- Apple EarPods with Remote and Mic
- Storage and travel case

SIM Card

- Nano-SIM

iPhone 6 is not compatible with existing micro-SIM cards.

Connector

- Lightning

Rating for Hearing Aids

- iPhone 6 (Model A1549, A1586): M3, 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 v10.8.5 or later
- PC: Windows 7 or later
- iTunes 12.3 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, Singapore, UK, U.S.), Chinese – Simplified (Handwriting, Pinyin, Stroke), Chinese – Traditional (Cangjie, Handwriting, Pinyin, Stroke, Sucheng, Zhuyin), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Italian, Japanese (Kana, Romaji), Korean, Spanish (Mexico, Spain), Arabic, Bengali, Bulgarian, Catalan, Cherokee, Croatian, Czech, Danish, Dutch, Emoji, Estonian, Filipino, Finnish, Flemish, Greek, Gujarati, Hawaiian, Hebrew, Hindi (Devanagari, Transliteration), Hinglish, Hungarian, Icelandic, Indonesian, Latvian, Lithuanian, Macedonian, Malay, Marathi, Norwegian, Polish, Portuguese (Brazil, Portugal), Punjabi, Romanian, Russian, Serbian (Cyrillic, Latin), Slovak, Slovenian, Swedish, Tamil, Telugu, Thai, Turkish, Ukrainian, Urdu, Vietnamese
- **QuickType keyboard support with predictive input⁹**
English (Australia, Canada, India, Singapore, UK, U.S.), Chinese (Simplified, Traditional), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Italian, Japanese, Korean, Russian, Spanish (Mexico, Spain), Portuguese (Brazil, Portugal), Thai, Turkish
- **Siri languages**
English (Australia, Canada, India, New Zealand, Singapore, UK, U.S.), Spanish (Mexico, Spain, U.S.), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Italian (Italy, Switzerland), Japanese, Korean, Mandarin (Mainland China, Taiwan), Cantonese (Hong Kong), Arabic (Saudi Arabia, United Arab Emirates), Danish (Denmark), Dutch (Belgium, Netherlands), Norwegian (Norway), Russian (Russia), Swedish (Sweden), Turkish (Turkey), Thai (Thailand), Portuguese (Brazil)
- **Dictation languages**
English (Australia, Canada, India, Ireland, New Zealand, Philippines, Singapore, South Africa, UK, U.S.), Spanish (Chile, Colombia, Mexico, Spain, U.S.), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Italian (Italy, Switzerland), Japanese, Korean, Mandarin (Mainland China, Taiwan), Cantonese (Hong Kong), Arabic (Saudi Arabia, United Arab Emirates), Catalan, Croatian, Czech, Danish (Denmark), Dutch (Belgium, Netherlands), Finnish, Greek, Hebrew (Israel), Hungarian, Indonesian, Malaysian, Norwegian (Norway), Polish, Portuguese (Brazil, Portugal), Romanian, Russian (Russia), Slovakian, Swedish (Sweden), Turkish (Turkey), Thai (Thailand), Ukrainian, Vietnamese
- **Definition dictionary support**
English, Chinese (Simplified), French, German, Hindi, Italian, Japanese, Korean, Spanish, Dutch, Norwegian, Portuguese (Brazil), Russian, Swedish, Thai, Turkish
- **Bilingual dictionary support**
Chinese (Simplified), French, German, Japanese, Korean, Spanish
- **Spell check**
English (Australia, Canada, UK, U.S.), French, German, Italian, Spanish, Danish, Dutch, Finnish, Korean, Norwegian, Polish, Portuguese (Brazil, Portugal), Russian, Swedish, Turkish

In the Box

- iPhone
- Apple EarPods with Remote and Mic
- Lightning to USB Cable
- USB Power Adapter
- Documentation

iPhone and the Environment

Apple takes a complete product life cycle approach to determining our environmental impact. [Learn more](#)

iPhone 6 and iPhone 6 Plus embody Apple's continuing environmental progress. They are designed with the following features to reduce environmental impact:

- Mercury-free LED-backlit display
- Arsenic-free display glass
- Brominated flame retardant-free
- PVC-free
- Beryllium-free
- Recyclable aluminum enclosure

- Power adapter outperforms strictest global energy efficiency standards
- Speaker enclosure with 30 percent post-consumer recycled plastic

Apple and the Environment

Learn more about Apple's dedication to reducing the environmental impact of our products and process. Or read our Product Environmental Reports for detailed information on the environmental performance of every Apple product.

Recycling

Apple takes a holistic view of materials management and waste minimization. Learn more about how to recycle your iPhone.

*To identify your iPhone model number, see <http://support.apple.com/kb/HT3939>. For details on LTE support, contact your carrier and see www.apple.com/iphone/LTE.

1. 1GB = 1 billion bytes; actual formatted capacity less. Requires a plan (which may include restrictions on switching service providers and roaming, even after contract expiration); sold separately to qualified customers. Credit check required; must be 18 or older. Wireless service is provided by and is the sole responsibility of your wireless service provider. Some capabilities are not available in all areas and depend on your wireless plan and service provider network. Service may not be available in all areas or at the signal strength, rates, speeds, or bandwidth as demonstrated. Some features may require added fees. Contact your wireless service provider for more details. Customers who want to upgrade from another phone or replace a previous-generation iPhone should check with their wireless service provider for pricing options. For those who are not qualified customers, are not eligible for an early upgrade, are purchasing an unlocked iPhone, or wish to buy an iPhone as a gift, see your carrier, an Apple Retail Store Specialist, the Apple Online Store, or an Apple Authorized Reseller for pricing. In CA and RI, sales tax is collected on the unbundled price of iPhone. Wi-Fi Internet access required for some features; fees may apply. Use constitutes acceptance of Apple's software license agreement. Warranty information is also available at www.apple.com/legal/warranty/iphone. Unauthorized modification of your iPhone software violates the software license agreement. Inability to use an iPhone due to unauthorized modifications is not covered under your warranty.
2. Size and weight vary by configuration and manufacturing process.
3. FaceTime calling requires a FaceTime-enabled device for the caller and recipient and a Wi-Fi connection. Availability over a cellular network depends on carrier policies; data charges may apply.
4. Data plan required. LTE, VoLTE, and Wi-Fi calling are available in select markets and through select carriers. Speeds are based on theoretical throughput and vary based on site conditions. For details on LTE support, contact your carrier and see www.apple.com/iphone/LTE
5. Siri may not be available in all languages or in all areas, and features may vary by area. Internet access required. Cellular data charges may apply.
6. All battery claims depend on network configuration and many other factors; actual results will vary. Battery has limited recharge cycles and may eventually need to be replaced by Apple service provider. Battery life and charge cycles vary by use and settings. See www.apple.com/batteries and www.apple.com/iphone/battery.html for more information.
7. iMovie, Pages, Numbers, and Keynote are free on the App Store for qualifying iOS 9 compatible devices with initial activation on or after September 1, 2013. GarageBand is free on the App Store for qualifying iOS 9 compatible devices with initial activation on or after September 1, 2014. See www.apple.com/ios/whats-new for iOS 9 compatible devices. Downloading apps requires an Apple ID.
8. Wireless broadband recommended; fees may apply.
9. Customized suggestions based on recipient and app are not available for Chinese (Simplified, Traditional), Japanese, Korean, and Thai.

Some features may not be available for all countries or all areas. [Click here to see complete list.](#)

Application and service availability and pricing are subject to change.

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Support

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