

iPhone 8

iPhone 8 Plus

Finish



Gold, Silver, Space Gray



Gold, Silver, Space Gray

Capacity¹

64GB 256GB 64GB

256GB

Size and Weight²

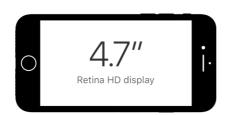


Weight: 5.22 ounces (148 grams)



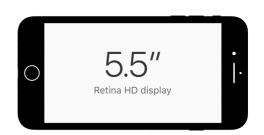
Weight: 7.13 ounces (202 grams)

Display



Retina HD display

4.7-inch (diagonal) widescreen LCD Multi-Touch display with IPS technology1334-by-750-pixel resolution at 326 ppi1400:1 contrast ratio (typical)



Retina HD display

5.5-inch (diagonal) widescreen LCD Multi-Touch display with IPS technology1920-by-1080-pixel resolution at 401 ppi1300:1 contrast ratio (typical)

Both models:

True Tone display

Wide color display (P3)

3D Touch

625 cd/m2 max brightness (typical)

Dual-domain pixels for wide viewing angles

Fingerprint-resistant oleophobic coating

Support for display of multiple languages and characters simultaneously

Display Zoom

Reachability

Splash, Water, and Dust Resistant³

Rated IP67 under IEC standard 60529

Chip



A11 Bionic chip with 64-bit architecture Neural Engine Embedded M11 motion coprocessor

Camera

12MP camera *f*/1.8 aperture

12MP wide-angle and telephoto cameras

Wide-angle: f/1.8 aperture

Telephoto: f/2.8 aperture

Optical zoom; digital zoom up to 10x

Portrait mode

Portrait Lighting (beta)

Both models:

Optical image stabilization

Digital zoom up to 5x

Six-element lens

Quad-LED True Tone flash with Slow Sync

Panorama (up to 63MP)

Sapphire crystal lens cover

Backside illumination sensor

Hybrid IR filter

Autofocus with Focus Pixels

Tap to focus with Focus Pixels

Live Photos with stabilization

Wide color capture for photos and Live Photos

Improved local tone mapping

Body and face detection

Exposure control

Noise reduction

Auto HDR for photos

Auto image stabilization

Burst mode

Timer mode

Photo geotagging

Image formats captured: HEIF and JPEG

Video Recording

4K video recording at 24 fps, 30 fps, or 60 fps

1080p HD video recording at 30 fps or 60 fps

720p HD video recording at 30 fps

Optical image stabilization for video

Optical zoom; 6x digital zoom (iPhone 8 Plus only)

Quad-LED True Tone flash

Slo-mo video support for 1080p at 120 fps or 240 fps

Time-lapse video with stabilization

Cinematic video stabilization (1080p and 720p)

Continuous autofocus video

Body and face detection

Noise reduction

Take 8MP still photos while recording 4K video

Playback zoom

Video geotagging

Video formats recorded: HEVC and H.264

FaceTime HD Camera

7MP camera

1080p HD video recording

Retina Flash

f/2.2 aperture

Wide color capture for photos and Live Photos

Auto HDR

Backside illumination sensor Body and face detection Auto image stabilization

Burst mode

Exposure control

Timer mode

Touch ID

Fingerprint sensor built into the Home button

Apple Pay

Pay with your iPhone using Touch ID in stores, within apps, and on the web

Complete purchases made with Apple Pay on your Mac

Receive and redeem rewards using rewards cards

Learn more about Apple Pay >

Carriers









Cellular and Wireless

Model A1863* Model A1864* FDD-LTE (Bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 18, 19, 20, 25, 26,

28, 29, 30, 66)

TD-LTE (Bands 34, 38, 39, 40, 41) TD-SCDMA 1900 (F), 2000 (A)

CDMA EV-DO Rev. A (800, 1900, 2100 MHz)

UMTS/HSPA+/DC-HSDPA (850, 900, 1700/2100, 1900, 2100

MHz)

GSM/EDGE (850, 900, 1800, 1900 MHz)

Model A1905* FDD-LTE (Bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 18, 19, 20, 25, 26,

Model A1897* 28, 29, 30, 66)

Models A1905 and A1897 do not support CDMA networks, such as those used by Verizon and Sprint.

TD-LTE (Bands 34, 38, 39, 40, 41)

UMTS/HSPA+/DC-HSDPA (850, 900, 1700/2100, 1900, 2100

MHz)

GSM/EDGE (850, 900, 1800, 1900 MHz)

All models 802.11ac Wi-Fi with MIMO

Bluetooth 5.0 wireless technology

NFC with reader mode

Location

Assisted GPS, GLONASS, Galileo, and QZSS

Digital compass

Wi-Fi Cellular

iBeacon microlocation

Video Calling⁴

FaceTime video calling over Wi-Fi or cellular

Audio Calling⁴

FaceTime audio

Voice over LTE (VoLTE)⁵

Wi-Fi calling⁵

Audio Playback

Audio formats supported: AAC-LC, HE-AAC, HE-AAC v2, Protected AAC, MP3, Linear PCM, Apple Lossless, FLAC, Dolby Digital (AC-3), Dolby Digital Plus (E-AC-3), and Audible (formats 2, 3, 4, Audible Enhanced Audio, AAX, and AAX+)

User-configurable maximum volume limit

Video Playback

Video formats supported: HEVC, H.264, MPEG-4 Part 2, and Motion JPEG

Supports Dolby Vision and HDR10 content

AirPlay Mirroring, photos, and video out to Apple TV (2nd generation or later)⁶

Video mirroring and video out support: Up to 1080p through Lightning Digital AV Adapter and

Lightning to VGA Adapter (adapters sold separately)⁶

Siri7

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

Get intelligent suggestions in Messages, Mail, QuickType, and more

Activate with only your voice using "Hey Siri"

Listen and identify songs

Learn more about Siri >

External Buttons and Connectors



Power and Battery⁸

Lasts about the same as iPhone 7

Talk time (wireless):
Up to 14 hours
Internet use:

Video playback (wireless):

Up to 13 hours

Up to 12 hours

Audio playback (wireless):

Up to 40 hours

Fast-charge capable:

Up to 50% charge 30 minutes9

Lasts about the same as iPhone 7 Plus

Talk time (wireless): Up to 21 hours

Internet use: Up to 13 hours

Video playback (wireless):

Up to 14 hours

Audio playback (wireless):

Up to 60 hours

Fast-charge capable:

Up to 50% charge 30 minutes9

Both models:

Built-in rechargeable lithium-ion battery

Wireless charging (works with Qi chargers¹⁰)

Charging via USB to computer system or power adapter

Fast-charge capable

Sensors

Touch ID fingerprint sensor

Barometer

Three-axis gyro Accelerometer Proximity sensor

Ambient light sensor

Operating System



iOS 11

With new features and capabilities that let you get more done quickly and easily, iOS 11 makes iPhone more powerful, personal, and intelligent than ever.

See what's new in iOS 11 >

Accessibility

Accessibility features help people with disabilities get the most out of their new iPhone 8. With built-in support for vision, hearing, physical and motor skills, and learning and literacy, you can fully enjoy the world's most personal device. Learn more >

Features include:

- VoiceOver
- Zoom
- Magnifier
- Software TTY
- Siri and Dictation
- Type to Siri
- Switch Control
- Closed Captions
- AssistiveTouch
- Speak Screen

Built-in Apps

Built-in apps are an essential part of your iPhone experience and are efficiently designed to use less than 200MB of storage.



Camera



Photos



Health













Wallet









Calendar



iTunes Store



App Store



Notes





Contacts



iBooks







Reminders







Stocks



Calculator



Voice Memos



Compass



Podcasts





iCloud Drive

Find My iPhone



Settings



Free Apps from













Apple¹¹

Pages, Numbers, Keynote, iMovie, GarageBand, iTunes U, and Clips are preinstalled.







Numbers

iTunes U









Apple TV Remote







Headphones

EarPods with Lightning Connector



SIM Card

Nano-SIM

iPhone 8 and iPhone 8 Plus are not compatible with existing micro-SIM cards.

Rating for **Hearing Aids**

iPhone 8 (Model A1863, A1905): M3, T4

iPhone 8 Plus (Model A1864, A1897): 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 access¹²

Syncing with iTunes on a Mac or PC requires:

• Mac: OS X 10.9.5 or later

• PC: Windows 7 or later

iTunes 12.7 or later (free download from www.itunes.com/download)

Environmental

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

Requirements

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, UK, U.S.), Chinese (Simplified, Traditional, Traditional Hong Kong), French (Canada, France), German, Italian, Japanese, Korean, Spanish (Latin America, 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 (Latin America, Mexico, Spain), Arabic (Modern Standard, Najdi), Armenian, Azerbaijani, Belarusian, Bengali, Bulgarian, Catalan, Cherokee, Croatian, Czech, Danish, Dutch, Emoji, Estonian, Filipino, Finnish, Flemish, Georgian, Greek, Gujarati, Hawaiian, Hebrew, Hindi (Devanagari, Transliteration), Hinglish, Hungarian, Icelandic, Indonesian, Irish, Kannada, Latvian, Lithuanian, Macedonian, Malay, Malayalam, Maori, Marathi, Norwegian, Odia, Persian, Polish, Portuguese (Brazil, Portugal), Punjabi, Romanian, Russian, Serbian (Cyrillic, Latin), Slovak, Slovenian, Swahili, Swedish, Tamil (Script, Transliteration), Telugu, Thai, Tibetan, Turkish, Ukrainian, Urdu, Vietnamese, Welsh

QuickType keyboard support with predictive input

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 (Latin America, Mexico, Spain), Portuguese (Brazil, Portugal), Thai, Turkish

Siri languages

English (Australia, Canada, India, Ireland, New Zealand, Singapore, South Africa, UK, U.S.), Spanish (Chile, Mexico, Spain, U.S.), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Italian (Italy, Switzerland), Japanese, Korean, Mandarin (Mainland China, Taiwan), Cantonese (Mainland China, Hong Kong, Macao), Arabic (Saudi Arabia, United Arab Emirates), Danish (Denmark), Dutch (Belgium, Netherlands), Finnish (Finland), Hebrew (Israel), Malay (Malaysia), Norwegian (Norway), Portuguese (Brazil), Russian (Russia), Swedish (Sweden), Thai (Thailand), Turkish (Turkey)

Dictation languages

English (Australia, Canada, India, Indonesia, Ireland, Malaysia, New Zealand, Philippines, Saudi Arabia, Singapore, South Africa, United Arab Emirates, UK, U.S.), Spanish (Argentina, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Panama, Paraguay, Peru, Spain, Uruguay, U.S.), French (Belgium, Canada, France, Luxembourg, Switzerland), German (Austria, Germany, Luxembourg, Switzerland), Italian (Italy, Switzerland), Japanese, Korean, Mandarin (Mainland China, Taiwan), Cantonese (Mainland China, Hong Kong, Macao), Arabic (Kuwait, Qatar, Saudi Arabia, United Arab Emirates), Catalan, Croatian, Czech, Danish, Dutch (Belgium, Netherlands), Finnish, Greek, Hebrew, Hindi (India), Hungarian, Indonesian, Malaysian, Norwegian, Polish, Portuguese (Brazil, Portugal), Romanian, Russian, Shanghainese (Mainland China), Slovakian, Swedish, Thai, Turkish, Ukrainian, Vietnamese

Definition dictionary support

English, Chinese (Simplified, Traditional), Danish, Dutch, French, German, Hindi, Italian,

Japanese, Korean, Norwegian, Portuguese, Russian, Spanish, Swedish, Thai, Turkish

Bilingual dictionary support

Chinese (Simplified), Dutch, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish

Spell check

English, French, German, Italian, Spanish, Danish, Dutch, Finnish, Korean, Norwegian, Polish, Portuguese, Russian, Swedish, Turkish

In the Box

iPhone with iOS 11

EarPods with Lightning Connector

Lightning to 3.5 mm Headphone Jack Adapter

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 8 and iPhone 8 Plus embody Apple's continuing environmental progress. They are designed with the following features to reduce environmental impact:

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

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

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 >



iPhone X Tech Specs

Learn more >



iPhone 7 Tech Specs

Learn more >



iPhone 6s Tech Specs

Learn more >



iPhone SE Tech Specs

Learn more >





Compare iPhone models

Find the best iPhone for you >



Free delivery

And free returns.

Learn more >



Apple Store app

The easiest way to buy your new iPhone, right from your current iPhone.

Download now >



Special financing

Apply for special financing and earn rewards.

Learn more >



Get help buying

Have a question? Call a Specialist or chat online. Call 1-800-MY-APPLE.

Chat now >

- * 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. Cellular technology support is based on iPhone model number and configuration for either CDMA or GSM networks.
- 1. Available space is less and varies due to many factors. A standard configuration uses approximately 8GB to 11GB of space (including iOS and preinstalled apps) depending on the model and settings. Preinstalled apps use about 4GB, and you can delete these apps and restore them.
- 2. Size and weight vary by configuration and manufacturing process.
- 3. iPhone 8 and iPhone 8 Plus are splash, water, and dust resistant and were tested under controlled laboratory conditions with a rating of IP67 under IEC standard 60529. Splash, water, and dust resistance are not permanent conditions and resistance might decrease as a result of normal wear. Do not attempt to charge a wet iPhone; refer to the user guide for cleaning and drying instructions. Liquid damage not covered under warranty.
- 4. 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.
- 5. Data plan required. LTE Advanced, 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 and carrier. For details on LTE support, contact your carrier and see www.apple.com/iphone/LTE.
- 6. Standard Dynamic Range video content only.
- 7. 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.
- 8. 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.
- 9. Testing conducted by Apple in August 2017 using preproduction iPhone 8 and iPhone 8 Plus units and software and accessory Apple USB-C Power Adapters (29W Model A1540, 61W Model A1718, 87W Model A1719). Fast-charge testing conducted with drained iPhone units. Charge time varies with environmental factors; actual results will vary.
- 10. Compatible wireless charging mats sold separately.
- 11. iMovie, GarageBand, Pages, Numbers, and Keynote are available on the App Store. Downloading apps requires an Apple ID and a device that is compatible with the iOS version required for each app.
- 12. Wireless broadband recommended; fees may apply.

Some features may not be available for all countries or all areas. Click here to see complete list.

