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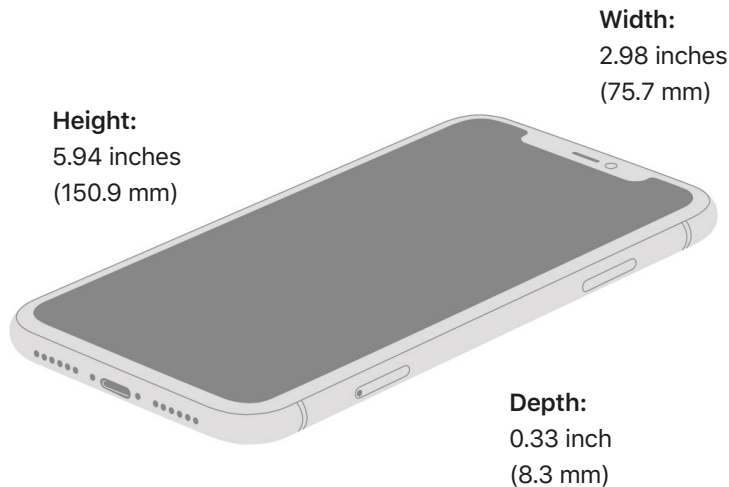


Black, Green, Yellow, Purple, (PRODUCT)^{RED}, White

Capacity¹

- 64GB
- 128GB
- 256GB

Size and Weight²



Weight: 6.84 ounces (194 grams)

Display



Liquid Retina HD display

6.1-inch (diagonal) all-screen LCD Multi-Touch display with IPS technology

1792-by-828-pixel resolution at 326 ppi

1400:1 contrast ratio (typical)

True Tone display

Wide color display (P3)

Haptic Touch

625 nits max brightness (typical)

Fingerprint-resistant oleophobic coating

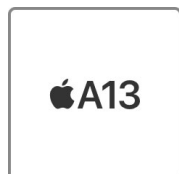
Support for display of multiple languages and characters simultaneously

The iPhone 11 display has rounded corners that follow a beautiful curved design, and these corners are within a standard rectangle. When measured as a standard rectangular shape, the screen is 6.06 inches diagonally (actual viewable area is less).

Splash, Water, and Dust Resistant³

Rated IP68 (maximum depth of 2 meters up to 30 minutes) under IEC standard 60529

Chip



A13 Bionic chip

Third-generation Neural Engine

Camera

Dual 12MP Ultra Wide and Wide cameras
Ultra Wide: $f/2.4$ aperture and 120° field of view
Wide: $f/1.8$ aperture
2x optical zoom out; digital zoom up to 5x
Portrait mode with advanced bokeh and Depth Control
Portrait Lighting with six effects (Natural, Studio, Contour, Stage, Stage Mono, High-Key Mono)
Optical image stabilization (Wide)
Five-element lens (Ultra Wide); six-element lens (Wide)
Brighter True Tone flash with Slow Sync
Panorama (up to 63MP)
Sapphire crystal lens cover
100% Focus Pixels (Wide)
Night mode
Auto Adjustments
Next-generation Smart HDR for photos
Wide color capture for photos and Live Photos
Advanced red-eye correction
Auto image stabilization
Burst 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
Extended dynamic range for video up to 60 fps
Optical image stabilization for video (Wide)
2x optical zoom out; digital zoom up to 3x
Audio zoom
Brighter True Tone flash
QuickTake video with subject tracking
Slo-mo video support for 1080p at 120 fps or 240 fps
Time-lapse video with stabilization
Cinematic video stabilization (4K, 1080p, and 720p)
Continuous autofocus video
Take 8MP still photos while recording 4K video
Playback zoom
Video formats recorded: HEVC and H.264

Stereo recording

TrueDepth Camera

12MP camera
f/2.2 aperture
Portrait mode with advanced bokeh and Depth Control
Portrait Lighting with six effects (Natural, Studio, Contour, Stage, Stage Mono, High-Key Mono)
Animoji and Memoji
4K video recording at 24 fps, 30 fps, or 60 fps
1080p HD video recording at 30 fps or 60 fps
Slo-mo video support for 1080p at 120 fps
Next-generation Smart HDR for photos
Extended dynamic range for video at 30 fps
Cinematic video stabilization (4K, 1080p, and 720p)
Wide color capture for photos and Live Photos
Retina Flash
Auto image stabilization
Burst mode

Face ID

Enabled by TrueDepth camera for facial recognition

Apple Pay

Pay with your iPhone using Face ID in stores, within apps, and on the web
Send and receive money in Messages
Complete purchases made with Apple Pay on your Mac
[Learn more about Apple Pay >](#)

Apple Card

Credit card created by Apple, designed for iPhone
Use the Wallet app to apply for, manage, and use Apple Card
Pay with Apple Pay using Face ID in stores, within apps, and on the web
Titanium, laser-etched physical credit card for use where Apple Pay is not accepted yet
[Learn more about Apple Card >](#)

Carriers

Cellular and Wireless
Model A2111*

FDD-LTE (Bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 17, 18, 19, 20, 25, 26, 29, 30, 66, 71)

TD-LTE (Bands 34, 38, 39, 40, 41, 42, 46, 48)

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

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

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

All models

Gigabit-class LTE with 2x2 MIMO and LAA⁴

802.11ax Wi-Fi 6 with 2x2 MIMO

Bluetooth 5.0 wireless technology

Ultra Wideband chip for spatial awareness⁵

NFC with reader mode

Express Cards with power reserve

Location

Built-in GPS/GNSS

Digital compass

Wi-Fi

Cellular

iBeacon microlocation

Video Calling⁶

FaceTime video calling over Wi-Fi or cellular

Audio Calling⁶

FaceTime audio

Voice over LTE (VoLTE)⁴

Wi-Fi calling⁴

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), Dolby Atmos, and Audible (formats 2, 3, 4, Audible Enhanced Audio, AAX, and AAX+)

Spatial audio playback

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)⁷

Video mirroring and video out support: Up to 1080p through Lightning Digital AV Adapter and Lightning to VGA Adapter (adapters sold separately)⁷

Siri⁸

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

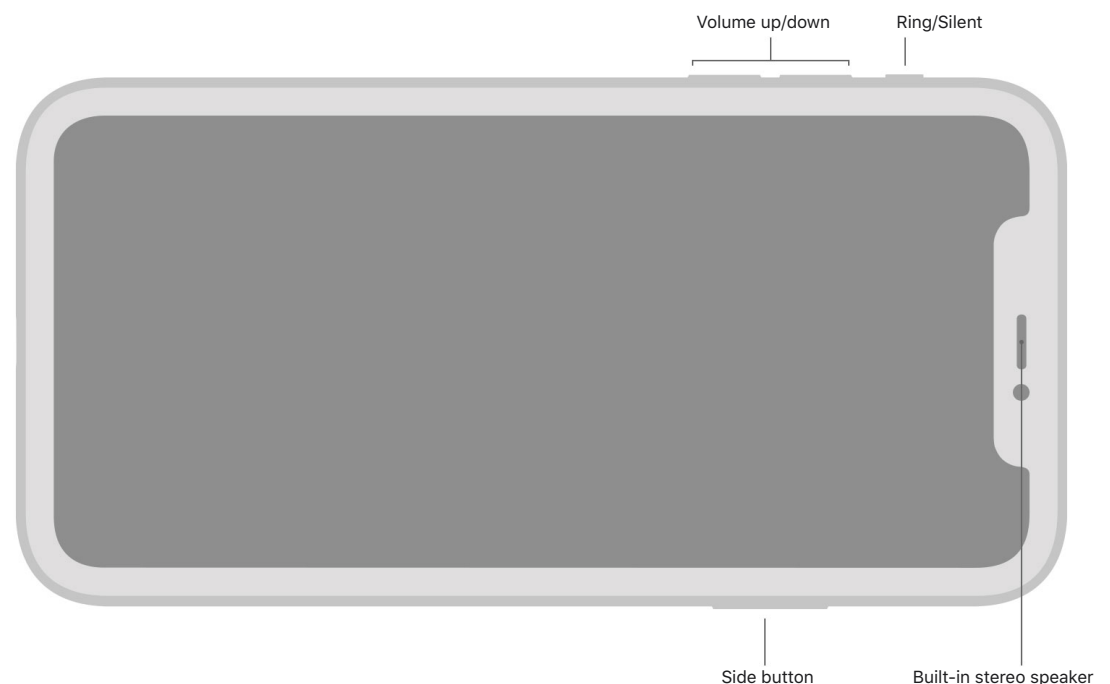
Get intelligent suggestions on your Lock screen and in Messages, Mail, QuickType, and more

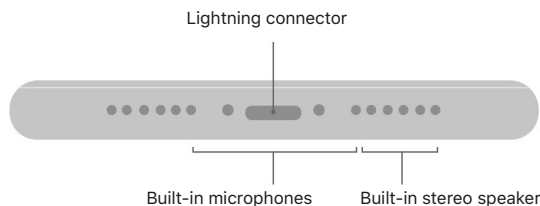
Activate hands-free with only your voice using "Hey Siri"

Use your voice to run shortcuts from your favorite apps

[Learn more about Siri >](#)

External Buttons and Connectors





Power and Battery⁹

Lasts up to 1 hour longer than iPhone XR

Video playback:

Up to 17 hours

Video playback (streamed):

Up to 10 hours

Audio playback:

Up to 65 hours

Fast-charge capable:

Up to 50% charge in 30 minutes¹⁰ with 18W adapter or higher (sold separately)

Built-in rechargeable lithium-ion battery

Wireless charging (works with Qi chargers¹¹)

Charging via USB to computer system or power adapter

Sensors

Face ID

Barometer

Three-axis gyro

Accelerometer

Proximity sensor

Ambient light sensor

Operating System

iOS 13

iOS is the world's most personal and secure mobile operating system, packed with powerful features and designed to protect your privacy.

[See what's new in iOS 13 >](#)

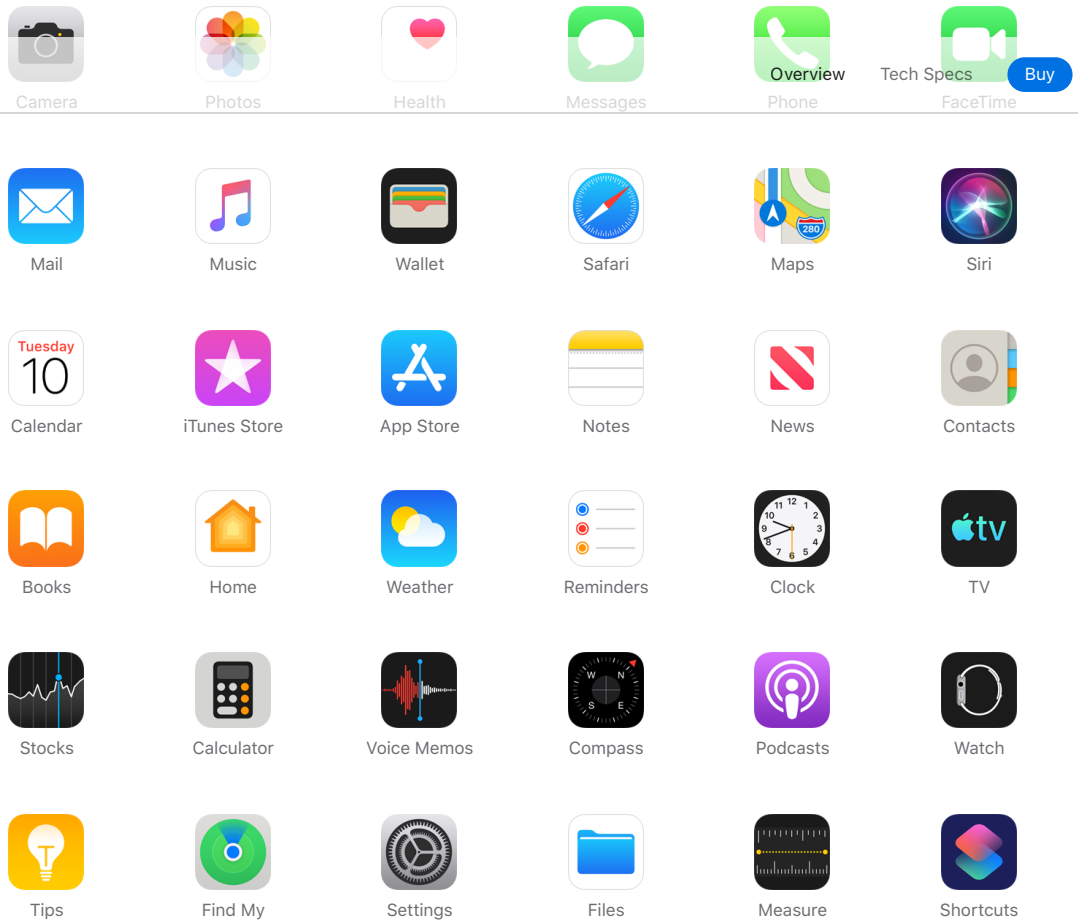
Accessibility

Accessibility features help people with disabilities get the most out of their new iPhone 11. With built-in support for vision, hearing, mobility, and learning, you can fully enjoy the world's most personal device. [Learn more >](#)

Features include:

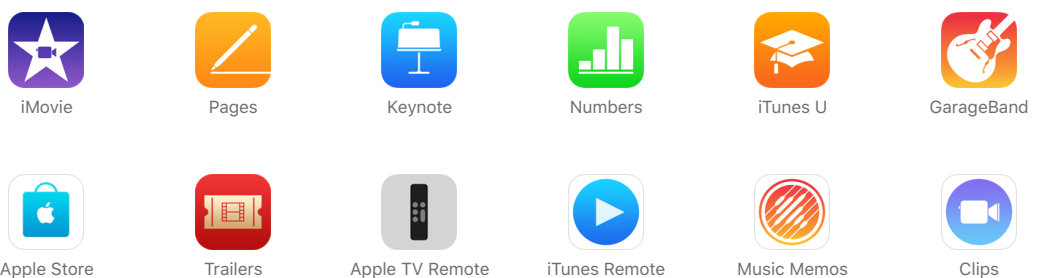
- Voice Control
- VoiceOver
- Zoom
- Magnifier
- RTT and TTY support
- Siri and Dictation
- Type to Siri
- Switch Control
- Closed Captions
- AssistiveTouch
- Speak Screen

**Built-in Apps
iPhone 11**



**Free Apps from
Apple**

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



Support

Headphones

EarPods with Lightning Connector

SIM Card

Dual SIM (nano-SIM and eSIM)¹²

iPhone 11 is not compatible with existing micro-SIM cards.

Rating for Hearing Aids

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; .usdz (USDZ Universal)

System Requirements

Apple ID (required for some features)

Internet access¹³

Syncing to a Mac or PC requires:

- macOS Catalina 10.15 using the Finder
 - macOS El Capitan 10.11.6 through macOS Mojave 10.14.6 using iTunes 12.8 or later
 - Windows 7 or later using iTunes 12.10 or later (free download from itunes.com/download)
-

Environmental Requirements

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

Non-operating 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, 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 QWERTY, Pinyin 10 Key, Shuangpin, Stroke), Chinese - Traditional (Cangjie, Handwriting, Pinyin QWERTY, Pinyin 10 Key, Shuangpin, Stroke, Sucheng, Zhuyin), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Italian, Japanese (Kana, Romaji), Korean (2-Set, 10 Key), Spanish (Latin America, Mexico, Spain), Albanian, Arabic (Modern Standard, Najdi), Armenian, Assamese, Azerbaijani, Bangla, Belarusian, Bodo, Bulgarian, Burmese, Cantonese - Traditional (Cangjie, Handwriting, Stroke, Sucheng), Catalan, Cherokee, Croatian, Czech, Danish, Dhivehi, Dogri, Dutch, Emoji, Estonian, Faroese, Filipino, Finnish, Flemish, Georgian, Greek, Gujarati, Hawaiian, Hebrew, Hindi (Devanagari, Latin, Transliteration), Hungarian, Icelandic, Indonesian, Irish, Kannada, Kashmiri (Arabic, Devanagari), Kazakh, Khmer, Konkani (Devanagari), Kurdish (Arabic, Latin), Kyrgyz, Lao, Latvian, Lithuanian, Macedonian, Maithili (Bangla), Malay (Arabic, Latin), Malayalam, Maltese, Manipuri (Bangla, Meetei Mayek), Maori, Marathi, Mongolian, Nepali, Norwegian, Odia, Pashto, Persian, Polish, Portuguese (Brazil, Portugal), Punjabi, Romanian, Russian, Sanskrit, Santali (Devanagari, Ol Chiki), Serbian (Cyrillic, Latin), Sindhi (Arabic, Devanagari), Sinhala, Slovak, Slovenian, Swahili, Swedish, Tajik, Tamil (Anjal, Tamil 99), Telugu, Thai, Tibetan, Tongan, Turkish, Turkmen, Ukrainian, Urdu, Uyghur, Uzbek (Arabic, Cyrillic, Latin), 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, Spanish (Latin America, Mexico, Spain), Arabic (Najdi), Cantonese (Traditional), Dutch, Hindi (Devanagari, Latin), Portuguese (Brazil, Portugal), Russian, Swedish, Thai, Turkish, Vietnamese

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 (China mainland, Taiwan), Cantonese (China mainland, Hong Kong), 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 (China mainland, Taiwan), Cantonese (China mainland, 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 (China mainland), Slovak, Swedish, Thai, Turkish, Ukrainian, Vietnamese

Definition dictionary support

English, Chinese (Simplified, Traditional), French, German, Italian, Japanese, Korean, Spanish, Danish, Dutch, Hebrew, Hindi, Norwegian, Portuguese, Russian, Swedish, Thai, Turkish

Thesaurus

English (UK, U.S.)

Bilingual dictionary support with English

Arabic, Chinese (Simplified, Traditional), French, German, Italian, Japanese, Spanish, Korean, Dutch, Hindi, Portuguese, Russian, Thai, Vietnamese

Spell check

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

In the Box

iPhone with iOS 13
EarPods with Lightning Connector
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 11 embodies Apple's continuing environmental progress. It is designed with the following features to reduce environmental impact:

Arsenic-free display glass

Mercury-free display

Brominated flame retardant-free

PVC-free

Beryllium-free

Recyclable low-carbon aluminum

Apple and the Environment

Read our [Product Environmental Reports](#) for detailed information on the environmental performance of every Apple product.

Apple Trade In

Ready to let go of your old iPhone? Just give it to us, and we'll help you recycle it responsibly for free. Good for you. Good for the planet.

[Learn more >](#)

iPhone 11 or iPhone 11 Pro?

[Compare iPhone 11 models >](#)

Get up to \$500 toward iPhone 11.

With Apple Trade In, you can get credit toward iPhone 11 when you trade in your eligible smartphone.¹⁴ Trade in multiple devices for even more credit. It's good for you and the planet.

[Learn more >](#)

The easiest way to upgrade to the latest iPhone.

Join the iPhone Upgrade Program to get the latest iPhone every year, low monthly payments, and the coverage of AppleCare+.¹⁵ We can even connect your new iPhone to your carrier in store or online.

[Learn more >](#)

Why Apple is the best place to buy.

Have questions about carriers, payments, or anything else iPhone? Just say the word.

[Learn more >](#)



Fast, free, no-contact delivery

And free returns. See checkout for delivery dates.

[Learn more >](#)



Find the card for you

Get 3% Daily Cash with Apple Card or get special financing.

[Learn more >](#)



Get help buying

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

[Contact us >](#)

* To identify your iPhone model number, see <https://support.apple.com/kb/HT3939>. For details on LTE support, contact your carrier and see 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 11GB to 14GB 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. Storage capacity subject to change based on software version and may vary by device.
2. Size and weight vary by configuration and manufacturing process.
3. iPhone 11 is splash, water, and dust resistant and was tested under controlled laboratory conditions with a rating of IP68 under IEC standard 60529 (maximum depth of 2 meters up to 30 minutes). 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. Data plan required. Gigabit-class 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 apple.com/iphone/LTE.
5. Ultra Wideband availability varies by region. See apple.com/ios/feature-availability for details.
6. 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.
7. Standard Dynamic Range video content only.
8. 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.
9. 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 apple.com/batteries and apple.com/iphone/battery.html for more information.

10. Testing conducted by Apple in August 2019 using preproduction iPhone 11, iPhone 11 Pro, and iPhone 11 Pro Max units and software and accessory Apple USB-C Power Adapters (18W Model A1720, 29W Model A1540, 30W Model A1882, 61W Model A1947 and 87W Model A1719). Fast-charge testing conducted with drained iPhone units. Charge time varies with environmental factors; actual results will vary.
11. Qi wireless chargers sold separately.
12. Use of eSIM requires a wireless service plan (which may include restrictions on switching service providers and roaming, even after contract expiration). Not all carriers support eSIM. Use of eSIM in iPhone may be disabled when purchased from some carriers. See your carrier for details. To learn more, visit <https://support.apple.com/kb/HT209044>.
13. Wireless broadband recommended; fees may apply.
14. Trade-in values may vary, and are based on the condition and model of your trade-in device. Additional trade-in values require purchase of a new iPhone, subject to availability and limits. Must be at least 18. Offer may not be available in all stores and not all devices are eligible for credit. Apple or its trade-in partners reserve the right to refuse or limit any Trade In transaction for any reason. In-store trade-in requires presentation of a valid, government-issued photo ID (local law may require saving this information). Sales tax may be assessed on full value of new iPhone. Value of your current device may be applied toward purchase of a new Apple device. Additional terms from Apple or Apple's trade-in partners may apply. See apple.com/shop/trade-in for more information.
15. Program available for iPhone 11. Available to qualified customers with a credit check and eligible U.S. credit or debit card. Requires a 24-month installment loan with a 0% APR from Citizens Bank, N.A. (subject to any interest, fees, or other costs payable to the card issuer), purchase of AppleCare+ for iPhone, and iPhone activation with one of these national carriers: AT&T, Sprint, Verizon, or T-Mobile. Sales tax and any applicable fees due at time of purchase. Full terms apply.

Some features may not be available for all countries or all areas. [View complete list.](#)

 > [iPhone](#) > [iPhone 11](#) > [Tech Specs](#)

Shop and Learn

Mac
iPad
iPhone
Watch
TV
Music
AirPods
HomePod
iPod touch
Accessories
Gift Cards

Services

Apple Music
Apple News+
Apple TV+
Apple Arcade
Apple Card
iCloud

Account
Manage Your Apple ID
Apple Store Account
iCloud.com

Apple Store

Find a Store
Genius Bar
Today at Apple
Apple Camp
Field Trip
Apple Store App
Refurbished and Clearance
Financing
Apple Trade In
Order Status
Shopping Help

For Business

Apple and Business
Shop for Business

For Education
Apple and Education
Shop for K-12
Shop for College

For Healthcare

Apple in Healthcare
Health on Apple Watch
Health Records on iPhone

For Government

Shop for Government
Shop for Veterans and Military

Apple Values

Accessibility
Education
Environment
Inclusion and Diversity
Privacy
Supplier Responsibility

About Apple

Newsroom
Apple Leadership
Job Opportunities
Investors
Events
Contact Apple

More ways to shop: [Find an Apple Store](#) or [other retailer](#) near you. Or call 1-800-MY-APPLE.

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 United States