

iPhone 11

Technical Specifications

Finish



Black, Green, Yellow, Purple, Red, White

Capacity

64 GB

128 GB

256 GB

Size and Weight

Width: 2.98 inches 75.7 mm

Height: 5.94 inches 150.9 mm

Depth: 0.33 inches 8.3 mm

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)
- 625 nits max brightness
- Fingerprint-resistant oleophobic coating
- Support for display of multiple languages and characters simultaneously

Splash, Water, and Dust Resistant

Rated IP68 under IEC standard 60529

(maximum depth of 2 meters up to 30 minutes)

Chip

A13 Bionic chip

Third-generation Neural Engine

Camera

- Dual 12MP Ultra Wide and Wide cameras
- 2x optical zoom out; digital zoom up to 5x
- Portrait mode with advanced bokeh and Depth Control
- Portrait Lighting with six effects
- Optical image stabilization (Wide)
- Five-element lens (Ultra Wide); six-element lens (Wide)
- Panorama (up to 63MP)
- 100% Focus Pixels (Wide)
- Night mode
- Auto Adjustments
- Next-generation Smart HDR for photos
- Advanced red-eye correction
- Auto image stabilization
- Burst mode
- Photo geotagging

Video Recording

- Up to 4K video recording
- Extended dynamic range
- Optical image stabilization for video
- 2x optical zoom out; digital zoom up to 3x
- Brighter True Tone flash
- QuickTake video with subject tracking
- Slo-mo video support for 1080p
- Time-lapse video with stabilization
- Cinematic video stabilization
- Continuous autofocus video
- Take 8MP still photos while recording 4K video
- Playback zoom
- Stereo recording

TrueDepth Camera

- 12MP camera
- Portrait mode with advanced bokeh and Depth Control
- Portrait Lighting with six effects
- Animoji and Memoji
- 4K video recording
- Slo-mo video support for 1080p
- Next-generation Smart HDR for photos
- Extended dynamic range for video
- Cinematic video stabilization
- 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
- Complete purchases made with Apple Pay

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)
- UMTS/HSPA+/DC-HSDPA (850, 900, 1700/2100, 1900, 2100 MHz)
- GSM/EDGE (850, 900, 1800, 1900 MHz)

All models

- Gigabit LTE
- Wi-Fi
- Bluetooth 5.0
- NFC
- Express Cards

Location

- Built-in GPS/GLONASS
- Digital compass
- Wi-Fi
- Cellular
- iBeacon microlocation

Video Calling

FaceTime video calling over Wi-Fi or cellular

Audio Calling

- FaceTime audio
- Voice over LTE (VoLTE)
- Wi-Fi calling

Audio Playback

- Spatial audio playback
- User-configurable maximum volume limit

Video Playback

- Supports Dolby Vision and HDR10
- AirPlay Mirroring, photos, and video out to Apple TV (2nd generation or later)
- Video mirroring and video out: through Lightning Digital AV Adapter and Lightning to VGA Adapter (adapters sold separately)

Siri

- Use your voice to send messages, set reminders, and more
- Get intelligent suggestions
- Activate hands-free with only your voice using “Hey Siri”
- Use your voice to run shortcuts from your favorite apps

Power and Battery

Video playback:

Up to 16 hours

Video playback (streamt):

Up to 10 hours

Audio playback:

Up to 65 hours

Fast-charge capable:

Up to 50% charge in 30 minutes

- Built-in rechargeable lithium-ion battery
- Wireless charging (works with Qi chargers)
- 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

Accessibility

- VoiceOver
- Zoom
- Magnifier
- RTT und TTY
- Siri and Dictation
- Switch Control
- Closed Captions
- AssistiveTouch
- Speak Screen

SIM Card

Dual SIM (nano-SIM and eSIM)

System Requirements

- Apple ID (required for some features)
- Internet access
- Syncing to a Mac or PC requires:
 - macOS Catalina 10.15
 - macOS El Capitan 10.11.6 using iTunes 12.8 or later
 - Windows 7 or later using iTunes 12.9 or later

In the Box

- iPhone with iOS 14
- Lightning to USB Cable
- Documentation