

# iPhone SE

## Tech Specs



Black, White, (PRODUCT)<sup>RED</sup>

### Capacity

**64GB**

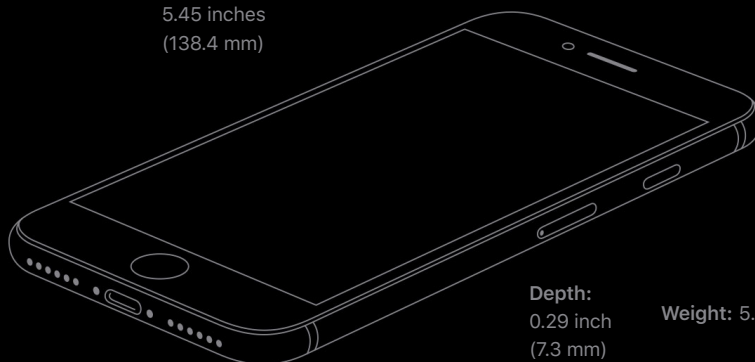
**128GB**

**256GB**

### Size and Weight

Height:  
5.45 inches  
(138.4 mm)

Width:  
2.65 inches  
(67.3 mm)



Depth:  
0.29 inch  
(7.3 mm)

Weight: 5.22 ounces (148 grams)

## Splash, Water, and Dust Resistant

Rated IP67 (maximum depth of 1 meter up to 30 minutes) under IEC standard 60529

## Camera

12MP Wide camera  
 $f/1.8$  aperture  
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  
Six-element lens  
LED True Tone flash with Slow Sync  
Panorama (up to 63MP)  
Sapphire crystal lens cover  
Autofocus with Focus Pixels  
Wide color capture for photos and Live Photos  
Next-generation Smart HDR for 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 30 fps  
Optical image stabilization for video  
Digital zoom up to 3x  
LED True Tone flash  
QuickTake video  
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

## Front Camera

7MP camera  
ƒ/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)  
1080p HD video recording at 30 fps  
Retina Flash  
QuickTake video  
Wide color capture for photos and Live Photos  
Auto HDR for photos  
Auto image stabilization  
Burst mode  
Cinematic video stabilization (1080p and 720p)

## 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  
Send and receive money in Messages  
Complete purchases made with Apple Pay on your Mac

## 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 Touch ID in stores, within apps, and on the web  
Titanium, laser-etched physical credit card for use where Apple Pay is not accepted yet

## Chip

A13 Bionic chip  
Third-generation Neural Engine

## Cellular and Wireless

Model A2275\*

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 LAA<sup>4</sup>

802.11ax Wi-Fi 6 with 2x2 MIMO

Bluetooth 5.0 wireless technology

NFC with reader mode

Express Cards with power reserve

## Location

Built-in GPS/GNSS

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

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+)

Stereo 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)<sup>6</sup>

Video mirroring and video out support: Up to 1080p 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 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

## Display

Retina HD display

4.7-inch (diagonal) widescreen LCD

Multi-Touch display with IPS technology

1334-by-750-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

Display Zoom

Reachability

## SIM Card

Dual SIM (nano-SIM and eSIM)

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

## Power and Battery

Lasts about the same as iPhone 8

### **Video playback:**

Up to 13 hours

### **Video playback (streamed):**

Up to 8 hours

### **Audio playback:**

Up to 40 hours

### **Fast-charge capable:**

Up to 50% charge in 30 minutes<sup>9</sup> with 18W adapter or higher (sold separately)

Built-in rechargeable lithium-ion battery

Wireless charging (works with Qi chargers)  
Charging via USB to computer system or power adapter

## Sensors

Touch ID fingerprint sensor  
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 that help you get the most out of every day.

## Accessibility

Accessibility features help people with disabilities get the most out of their new iPhone SE. With built-in support for vision, hearing, mobility, and learning, you can fully enjoy the world's most personal device.

### Features include:

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

## 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)

## System Requirements

Apple ID (required for some features)

Internet access

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

## In the Box

iPhone with iOS 14  
Lightning to USB Cable  
Documentation