

# iPhone XR

## Tech Specs

### Finish



Red, Yellow, White, Coral, Black, Blue

### Capacity

64GB

128GB

### Size and Weight

<b>Width:</b>	2.98 inches	75.7 mm
<b>Height:</b>	5.94 inches	150.9 mm
<b>Depth:</b>	0.33 inches	8.3 mm
<b>Weight:</b>	6.84 ounces	1974 g

### 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 (typical)
- Fingerprint-resistant oleophobic coating
- Support for display of multiple languages and characters simultaneously

### Splash, Water, and Dust Resistant

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

### Chip

A12 Bionic chip  
Second-generation Neural Engine

## Camera

- 12MP Wide camera
- Digital zoom up to 5x
- Portrait Lighting with three effects
- Optical image stabilization
- Panorama (up to 63MP)
- Autofocus with Focus Pixels
- Smart HDR for photos
- Wide color capture for photos and Live 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
- Digital zoom up to 3x
- Slo-mo video support
- 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

- 7MP camera
- Portrait mode
- Portrait Lighting with six effects
- Animoji and Memoji
- HD video recording
- 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 in stores, within apps, and on the web
- Complete purchases made with Apple Pay

## Cellular and Wireless

### Model A1984

- FDD-LTE (Bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 17, 18, 19, 20, 25, 26, 29, 30, 32, 66, 71)
- TD-LTE (Bands 34, 38, 39, 40, 41)
- 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

- LTE Advanced
- 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

- Wider stereo 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: supported 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

### **Talk time (wireless):**

Up to 25 hours

### **Internet use:**

Up to 15 hours

### **Video playback (wireless):**

Up to 16 hours

### **Audio playback (wireless):**

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
- 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 a PC requires:
  - macOS Catalina 10.15
  - macOS El Capitan 10.11.6 or later using iTunes 12.8 or later
  - Windows 7 or later using iTunes 12.9 or later

## **In the Box**

- iPhone XR
- Lightning to USB Cable
- Documentation