

# iPhone X



## Specifications

Capacity1

64 GB

256 GB

Colour2

Silver, Space Grey

## Display

Super Retina HD display

5.8-inch (diagonal) all-screen OLED Multi-Touch display<sup>3</sup>

HDR display

2436-by-1125-pixel resolution at 458 ppi

1,000,000:1 contrast ratio (typical)

True Tone display

Wide colour display (P3)

3D Touch

625 cd/m<sup>2</sup> max brightness (typical)

Size and Weight<sup>4</sup>

Height: 143.6 mm (5.65 inches)

Width: 70.9 mm (2.79 inches)

Depth: 7.7 mm (0.30 inch)

Weight: 174 grams (6.14 ounces)

Splash-, Water- and Dust-Resistant<sup>5</sup>

## Chip

A11 Bionic chip with 64-bit architecture

Neural engine

Embedded M11 motion coprocessor

Camera

12MP wide-angle and telephoto cameras

Wide-angle: f/1.8 aperture

Telephoto: f/2.4 aperture

Dual optical image stabilization

Optical zoom; digital zoom up to 10x

Wide colour capture for photos and Live Photos

Quad-LED True Tone flash with Slow Sync

Portrait mode

Portrait Lighting<sup>6</sup>

Video Recording

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

1080p HD video recording at 30 fps or 60 fps

Optical image stabilization for video

Optical zoom; digital zoom up to 6x

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

Time-lapse video with stabilization

Front camera

TrueDepth camera

7MP photos

f/2.2 aperture

Retina Flash

Wide colour capture for photos and Live Photos

1080p HD video recording

Portrait mode

Portrait Lighting<sup>6</sup>

Animoji

Cellular and wireless

GSM/EDGE

UMTS/HSPA+

DC-HSDPA

CDMA EV-DO Rev. A

(some models)

LTE Advanced<sup>7</sup>

802.11ac Wi-Fi with MIMO

Bluetooth 5.0

GPS, GLONASS, Galileo and QZSS

VoLTE<sup>7</sup>

NFC with reader mode

Wi-Fi calling<sup>7</sup>

Secure authentication

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

Receive and redeem rewards using rewards cards

Video calling<sup>8</sup>

FaceTime video

Initiate video calls over Wi-Fi or cellular to any FaceTime-enabled device

Audio calling<sup>8</sup>

FaceTime audio

Initiate audio calls over Wi-Fi or cellular to any FaceTime audio-enabled device

Voice over LTE (VoLTE)<sup>7</sup>

Wi-Fi calling<sup>7</sup>

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

High Dynamic Range with Dolby Vision and HDR10 content

AirPlay Mirroring, photos and video out to Apple TV (2nd generation or later)<sup>9</sup>

Video mirroring and video out support: Up to 1080p through Lightning Digital AV Adapter and Lightning to VGA Adapter (adapters sold separately)<sup>9</sup>

Siri<sup>10</sup>

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

Power and battery<sup>11</sup>

Built-in rechargeable lithium-ion battery

Wireless charging (works with Qi chargers<sup>12</sup>)

Charging via USB to computer system or power adapter

Talk time (wireless)

Up to 21 hours

Internet use

Up to 12 hours

Video playback (wireless)

Up to 13 hours

Audio playback (wireless)

Up to 60 hours

Fast-charge capable

Up to 50% charge 30 minutes<sup>13</sup>

Included headphones

EarPods with Lightning Connector

Lightning to

3.5 mm Headphone Jack Adapter

Sensors

Three-axis gyro

Accelerometer

Proximity sensor

Ambient light sensor

Barometer

SIM card

Nano-SIM

Not compatible with existing micro-SIM cards

Connector

Lightning