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Rose Gold



Rose Gold



Gold

## 4.7"

Retina HD display

## 12MP

camera

## 4.7"

Retina HD display

## 12MP

camera

## 4.7"

Retina HD display

## 12MP

camera



Touch ID



Touch ID



Touch ID



A9 chip



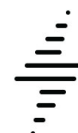
A10 Fusion chip



A11 Bionic chip

—

—



Wireless charging  
(works with Qi chargers<sup>3</sup>)

Buy

Buy

Buy

## Capacity<sup>4</sup>

32GB

32GB

64GB

128GB

128GB

256GB

## 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)

Retina HD display

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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
Full sRGB standard	Wide color display (P3)	Wide color display (P3)
3D Touch	3D Touch	3D Touch
500 cd/m2 max brightness (typical)	625 cd/m2 max brightness (typical)	625 cd/m2 max brightness (typical)

## Size and Weight<sup>5</sup>

<b>Height</b> 5.44 inches (138.3 mm)	<b>Height</b> 5.44 inches (138.3 mm)	<b>Height</b> 5.45 inches (138.4 mm)
<b>Width</b> 2.64 inches (67.1 mm)	<b>Width</b> 2.64 inches (67.1 mm)	<b>Width</b> 2.65 inches (67.3 mm)
<b>Depth</b> 0.28 inch (7.1 mm)	<b>Depth</b> 0.28 inch (7.1 mm)	<b>Depth</b> 0.29 inch (7.3 mm)
<b>Weight</b> 5.04 ounces (143 grams)	<b>Weight</b> 4.87 ounces (138 grams)	<b>Weight</b> 5.22 ounces (148 grams)

## Splash, Water, and Dust Resistant<sup>6</sup>

—	✓	✓
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## Chip

A9 chip with 64-bit architecture	A10 Fusion chip with 64-bit architecture	A11 Bionic chip with 64-bit architecture
—	—	Neural engine
Embedded M9 motion coprocessor	Embedded M10 motion coprocessor	Embedded M11 motion coprocessor

## Camera

12MP camera	12MP camera	12MP camera
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<i>f</i> /2.2 aperture	<i>f</i> /1.8 aperture	<i>f</i> /1.8 aperture
—	Optical image stabilization	Optical image stabilization
Digital zoom up to 5x	Digital zoom up to 5x	Digital zoom up to 5x
—	Wide color capture for photos and Live Photos	Wide color capture for photos and Live Photos
True Tone flash	Quad-LED True Tone flash	Quad-LED True Tone flash with Slow Sync
—	—	—
—	—	—

## Video Recording

4K video recording at 30 fps	4K video recording at 30 fps	4K video recording at 24 fps, 30 fps, or 60 fps
1080p HD video recording at 30 fps or 60 fps	1080p HD video recording at 30 fps or 60 fps	1080p HD video recording at 30 fps or 60 fps
—	Optical image stabilization for video	Optical image stabilization for video
Digital zoom up to 3x	Digital zoom up to 3x	Digital zoom up to 3x
Slo-mo video support for 1080p at 120 fps and 720p at 240 fps	Slo-mo video support for 1080p at 120 fps and 720p at 240 fps	Slo-mo video support for 1080p at 120 fps or 240 fps
Time-lapse video with stabilization	Time-lapse video with stabilization	Time-lapse video with stabilization

## Front Camera

FaceTime HD camera	FaceTime HD camera	FaceTime HD camera
5MP photos	7MP photos	7MP photos
<i>f</i> /2.2 aperture	<i>f</i> /2.2 aperture	<i>f</i> /2.2 aperture
Retina Flash	Retina Flash	Retina Flash
—	Wide color capture for photos and Live Photos	Wide color capture for photos and Live Photos
720p HD video recording	1080p HD video recording	1080p HD video recording
—	—	—



## Carriers



Available in store only.

## Cellular and Wireless

GSM/EDGE

UMTS/HSPA+

**iPhone 6s**



LTE Advanced<sup>7</sup>

802.11ac Wi-Fi with MIMO

Bluetooth 4.2

GPS and GLONASS

VoLTE<sup>7</sup>

NFC

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

GSM/EDGE

UMTS/HSPA+

**iPhone 7**



LTE Advanced<sup>7</sup>

802.11ac Wi-Fi with MIMO

Bluetooth 4.2

GPS and GLONASS

VoLTE<sup>7</sup>

NFC with reader mode

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

GSM/EDGE

UMTS/HSPA+

**iPhone 8**



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

Touch ID

Second-generation fingerprint sensor built into the Home button

Touch ID

Second-generation fingerprint sensor built into the Home button

Touch ID

Second-generation fingerprint sensor built into the Home button

# Apple Pay

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Pay with your iPhone using Touch ID in stores, within apps, and on the web	Pay with your iPhone using Touch ID in stores, within apps, and on the web	Pay with your iPhone using Touch ID in stores, within apps, and on the web
Receive and redeem rewards using rewards cards	Receive and redeem rewards using rewards cards	Receive and redeem rewards using rewards cards

# Video Calling<sup>8</sup>

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FaceTime video

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

# Audio Calling<sup>8</sup>

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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

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<b>Audio formats supported</b> AAC (8 to 320 Kbps), Protected AAC (from iTunes Store), HE-AAC, MP3 (8 to 320 Kbps), MP3 VBR, Dolby Digital (AC-3), Dolby Digital Plus (E-AC-3), Audible (formats 2, 3, 4, Audible Enhanced Audio, AAX, and AAX+), Apple Lossless, AIFF, and WAV	<b>Audio formats supported</b> 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+)	<b>Audio formats supported</b> 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	User-configurable maximum volume limit	User-configurable maximum volume limit

# Video Playback

Video formats supported: H.264, MPEG-4, and Motion JPEG	Video formats supported: HEVC, H.264, MPEG-4 Part 2, and Motion JPEG	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>9</sup>	AirPlay Mirroring, photos, and video out to Apple TV (2nd generation or later) <sup>9</sup>	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>	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>	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>

—	Lasts up to 2 hours longer than iPhone 6s	Lasts about the same as iPhone 7
Built-in rechargeable lithium-ion battery	Built-in rechargeable lithium-ion battery	Built-in rechargeable lithium-ion battery
—	—	Wireless charging (works with Qi chargers <sup>3</sup> )
Charging via USB to computer system or power adapter	Charging via USB to computer system or power adapter	Charging via USB to computer system or power adapter
<b>Talk time:</b> Up to 14 hours	<b>Talk time (wireless):</b> Up to 14 hours	<b>Talk time (wireless):</b> Up to 14 hours
<b>Internet use:</b> Up to 10 hours	<b>Internet use:</b> Up to 12 hours	<b>Internet use:</b> Up to 12 hours

<b>Video playback:</b> Up to 11 hours	<b>Video playback (wireless):</b> Up to 13 hours	<b>Video playback (wireless):</b> Up to 13 hours
<b>Audio playback:</b> Up to 50 hours	<b>Audio playback (wireless):</b> Up to 40 hours	<b>Audio playback (wireless):</b> Up to 40 hours
—	—	<b>Fast-charge capable:</b> Up to 50% charge 30 minutes <sup>12</sup>

## Included Headphones

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EarPods with 3.5 mm Headphone Plug	EarPods with Lightning Connector	EarPods with Lightning Connector
—	Lightning to 3.5 mm Headphone Jack Adapter	Lightning to 3.5 mm Headphone Jack Adapter

## Sensors

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Three-axis gyro	Three-axis gyro	Three-axis gyro
Accelerometer	Accelerometer	Accelerometer
Proximity sensor	Proximity sensor	Proximity sensor
Ambient light sensor	Ambient light sensor	Ambient light sensor
Barometer	Barometer	Barometer

## SIM Card

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Nano-SIM
Not compatible with existing micro-SIM cards

## Connector

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Lightning
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## iPhone 6s

[Tech specs >](#)



## iPhone 7

[Tech specs >](#)



## iPhone 8

[Tech specs >](#) [Learn more >](#)

1. The high-gloss finish of the jet black iPhone 7 is achieved through a precision nine-step anodization and polishing process. Its surface is equally as hard as other anodized Apple products; however, its high shine may show fine micro-abrasions with use. If you are concerned about this, we suggest you use one of the many cases available to protect your iPhone.
2. The iPhone X 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 5.85 inches diagonally (actual viewable area is less).
3. Compatible wireless charging mats sold separately.
4. Available space is less and varies due to many factors. A standard configuration uses approximately 8GB to 11GB 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.
5. Size and weight vary by configuration and manufacturing process.
6. iPhone 7, iPhone 7 Plus, iPhone 8, iPhone 8 Plus, and iPhone X are splash, water, and dust resistant and were tested under controlled laboratory conditions with a rating of IP67 under IEC standard 60529. 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.
7. Data plan required. LTE Advanced, 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 [www.apple.com/iphone/LTE](http://www.apple.com/iphone/LTE).
8. 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.
9. Standard Dynamic Range video content only.
10. 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.
11. 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 [www.apple.com/batteries](http://www.apple.com/batteries) and [www.apple.com/iphone/battery.html](http://www.apple.com/iphone/battery.html) for more information.
12. Testing conducted by Apple in August 2017 using preproduction iPhone 8, iPhone 8 Plus, and iPhone X units and software and accessory Apple USB-C Power Adapters (29W Model A1540, 61W Model A1718, 87W Model A1719). Fast-charge testing conducted with drained iPhone units. Charge time varies with environmental factors; actual results will vary.

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