



September 2016

Welcome to the iDevices (iPhone, iPad, Apple Watch & iPod) SIG Meeting.

To find Apps that are free for a short time, click these icons below:



<http://www.iosnoops.com/iphone-ipad-apps-gone-free/>

[Today's best Tech and Apple deals of the day](#) (They change every day)

Don't buy an iPhone 7. Wait for the iPhone 8.



# Should you upgrade to iPhone 7 or iPhone 7 Plus?

[Click here for info](#)

## iPhone 7 and iPhone 7 Plus specs

Category	iPhone7	iPhone7Plus
OS	iOS10	iOS10
Finish	Rose Gold, Gold, Silver, Black, Jet Black	Rose Gold, Gold, Silver, Black, Jet Black
Capacity	32GB/128GB/256GB	32GB/128GB/256GB
Height	138.3mm	158.2mm
Width	67.1mm	77.9mm
Thickness	7.1mm	7.3mm
Weight	138g	188g
ScreenSize	4.7inches	5.5inches
ScreenResolution	1334x750(326ppi)	1920x1080(401ppi)
Display	IPS LED, 3D Touch, Wide color display (P3), 625cd/m2 max brightness (typical)	IPS LED, 3D Touch, Wide color display (P3), 625cd/m2 max brightness (typical)
Splash, Water, and Dust Resistant	Rated IP67 under IEC standard 60529	Rated IP67 under IEC standard 60529
Chip	A10 Fusion chip with 64-	A10 Fusion chip with 64-

	bit architecture	bit architecture
Coprocessor	Embedded M10 motion coprocessor	Embedded M10 motion coprocessor
Rea Camera	12MP, f/1.8 aperture, Digital zoom up to 5x, Optical image stabilization, Six-element lens, Quad-LED True Tone flash	12MP wide-angle (f/1.8 aperture) and telephoto (f/2.8 aperture) cameras, Optical zoom at 2x, digital zoom up to 10x, Optical image stabilization, Six-element lens, Quad-LED True Tone flash
Video recording	4K video recording at 30 fps, 1080p HD video recording at 30 fps or 60 fps, 720p HD video recording at 30 fps, Optical image stabilization for video, Optical zoom at 2x, Quad-LED True Tone flash,	4K video recording at 30 fps, 1080p HD video recording at 30 fps or 60 fps, 720p HD video recording at 30 fps, Optical image stabilization for video, Optical zoom at 2x; 6x digital zoom, Quad-LED True Tone flash
FaceTime HD Camera	7-megapixel photos, 1080p HD video recording, Retina Flash, f/2.2 aperture, Wide color capture for photos and Live Photos, Auto HDR, Backside illumination sensor, Body and face detection	7-megapixel photos, 1080p HD video recording, Retina Flash, f/2.2 aperture, Wide color capture for photos and Live Photos, Auto HDR, Backside illumination sensor, Body and face detection
Bluetooth	Bluetooth 4.2	Bluetooth 4.2
Wi-Fi	802.11ac	802.11ac

GPS	aGPS, GLONASS	aGPS, GLONASS
NFC	Yes	Yes
Sensors	Accelerometer, Ambient light, Barometer, Compass, Gyroscope, Infrared, Proximity	- Accelerometer, Ambient light, Barometer, Compass, Gyroscope, Infrared, Proximity
Fingerprint	TouchID	TouchID
Battery	14 hours talk time, 12 hours LTE browsing	- 21 hours talk time, 13 hours LTE browsing
Pricing	32GB \$649 / 128GB \$749 / 256GB \$849	32GB \$769 / 128GB \$869 / 256GB \$969



# Compare Apple Watch models

## Series 1

All the features of the original Apple Watch with a new dual-core processor and watchOS 3.

## Series 2

The most advanced Apple Watch yet. With built-in GPS, water resistance to 50 meters,<sup>1</sup> a dual-core processor, a 2x brighter display, and watchOS 3.



### Apple Watch

From \$269



### Apple Watch

From \$369



### Apple Watch Nike+

From \$369



### Apple Watch Hermès

From \$1149



### Apple Watch Edition

From \$1249

[Click here to see more information](#)

## iOS 10 FAQ: Everything you need to know

Apple has announced iOS 10, the tenth version of its mobile operating system for iPhone and iPad. As always, there are a few big, new features, and a ton of smaller changes, additions, and updates. It's available for developers now, public beta testers soon, and

everyone later this fall. It's iOS 10, and here's everything you need to know about it.

Come release, you'll get a notification and it'll show up in Settings > General > Software Update on your iPhone, iPad, or iPod touch. You'll be able to download and install it from there over your Wi-Fi network.

If you're a traditionalist and prefer cables, you'll also be able to check for and install the update using iTunes on your Mac or Windows PC.

### Will iOS 10 run on my iPhone, iPod touch, or iPad?

Apple has announced that iOS 10 will run on the following iPhone, iPod touch, and iPad devices:

iPhone 6s	iPad Pro 9.7-inch
iPhone 6s Plus	iPad Air 2
iPhone 6	iPad Air
iPhone 6 Plus	iPad 4th generation
iPhone SE	iPad mini 4
iPhone 5s	iPad mini 3
iPhone 5c	iPad mini 2
iPhone 5	iPod touch 6th generation
iPad Pro 12.9-inch	

# MESSAGES

Apple has completely redesigned its Messages app for iOS 10. The biggest features include animated responses, app extensions, and plenty of changes that make iMessages a lot more fun to play with.

- **New formatting** - Messages got a minor redesign that will put a picture of the person or people you are messaging with in a bubble at the top of the screen.
- **Rich links** - Now, when you share a link in Messages, you'll see pictures, videos, and more right inline.
- **Camera and Photos** - When accessing the Camera or Photos in Messages, you see a new layout with quicker access to each feature.
- **3X Emoji** - Emojis just got bigger. Three times bigger.
- **Message bubble animations + full-screen animations** - When you send a message, you can choose an animation to go with your bubble response. Different bubble types produce different animations, like a jiggling bubble or one that shakes the whole screen. You can also send full screen animations, like fireworks, confetti or floating balloons, that take over the entire screen for a few seconds within a message.
- **Handwriting animation in realtime** - Similar to the way Digital Touch sketching works, you can handwrite small notes that appear, just as you wrote it, to the recipient.
- **Invisible Ink for photos and messages** - You can choose to hide a message from the recipient that they have to reveal by swiping across it. So, if you want to surprise someone with big news, send a message with Invisible Ink to keep it a secret right up until the moment they are ready to read it. Similarly, you can obscure a photo that has to be physically revealed by the recipient.

- **Tapback** - If you just want to send a quick response to someone's comment in Messages, you can now send a "Tapback." Tap a comment to call up the six different Tapback responses, including heart, thumbs up, thumbs down, Ha Ha, exclamation point, and question mark.
- **Digital touch** - Messages now has the same sketching features as Apple Watch. You can send fireballs, heartbeats, sketches, and can draw over videos and audio.
- **App Store for iMessage** - Similar to the way Facebook Messenger has a sticker store where you can download new and adorable illustrations to share, Apple has an app store specifically for iMessage filled with lots of adorable cartoons and sayings. You can send a sticker as a response, or you can even "peel" one off and stick it on a previously sent response by dragging and dropping the illustration where you want it to go.
- **Emojification** - You can turn text into emojis by opening the emoji keyboard in Messages and then tapping the words that are highlighted. When you tap a word, it will automatically transform into an emoji.
- **Sticker pack app extension** - You can send stickers in the Messages app, and even "peel" them off and place them on others' messages by dragging and dropping the sticker where you want it.
- **iMessage app extensions** - With app extensions for iMessage, developers can create extensions accessible right inside the app, like making funny videos in Jib Jab or sending money in Square Cash. Oh, and Giphy.

## SIRI

Siri is getting some serious love in iOS 10. The personal assistant is accessible within third-party apps, can search within apps, and more.

- **Third-party app integration** - Siri works with third-party apps for such things as getting a car from Uber or Lyft, searching for pictures in Pinterest or Instagram, or sending money to someone using Square Cash.
- **SiriKit** - Siri is now open to developers to make services available inside the Messages app. At launch, it works with services that provide audio or video calling, messaging, sending and receiving payments, searching photos, booking rides, and managing workouts.
- **CarPlay apps** Siri can control CarPlay apps and access certain features of your car, like temperature and radio settings. You can also use VoIP calls in CarPlay via Siri.

## MAPS

Apple has updated the built-in Maps app with plenty of new useful features, like suggestions for places you could stop while you are on your route, search results in a better place, and a few more things.

- **New interface** - Apple has redesigned the look of the Maps app to be more intuitive using a bold interface for arrival, total minutes, and total miles. It is easier to access controls and details of locations. On CarPlay, turn-by-turn navigation is available right in the instrumentation cluster of your car.
- **Dynamic view** - When you are using turn-by-turn navigation, the map zooms in and out depending on short turns or long straightaways. Plus, you can manually zoom in and out to check the traffic ahead while on your route.
- **Quick controls** - When using turn-by-turn navigation, you can see details on restaurants, gas stations, and other businesses you might want to stop at on your trip. Maps also tells you how much longer it will take if you make a detour.  
**Search filters** - You can filter searches based on categories. For example, if you searched for restaurants, you could then select "Breakfast" and will only see places that serve breakfast on the map.
- **App extensions** - With MapKit, developers can create app extensions that are accessible right inside the Maps app. For example, if you searched inside Maps for a restaurant, you could make reservations using OpenTable. When you tap to get directions, you'll also be given the option to book a ride.
- **More proactive** - When you slide up from the bottom, you'll automatically see suggestions. It recognizes what time you normally leave for work, or can look up a calendar event and show you locations based on that information. If there is a faster route while you are driving, Maps will suggest the new route and tell you how much time you will save.

## MUSIC

Apple heard our pleas for a more intuitive user interface and has "burned it to the ground" and rebuilt Apple Music's look with clearer sections, new discovery features, and a better way to Connect artists and fans.

- **New look** - Apple Music has a new, bolder design with brighter graphics and bigger features. The Now Playing window has a more minimalist look with some interesting shadow effects.
- **Sections** - The Music app is now distinctly divided into different sections for the Library, For You, Browse, Radio, and Search. At the top of each section, you can quickly filter your search for content by playlists, artists, albums, and songs. There is also a new filter section called Downloaded Music, where all music that you've downloaded onto your device can be found.
- **Lyrics** - Every song that has lyrics in the digital coding is available right in the Music app under the Now Playing window.
- **Connect** - Apple Music's social networking feature has been moved into the For You section.
- **New For You features** - in the For You section of Apple Music, you can find tunes to rock out to by using the new Discovery Mix, My Favorites Mix, and Daily Playlist features.

## LOCK SCREEN, NOTIFICATIONS, AND 3D TOUCH

If your iPhone has 3D Touch capabilities, you can take advantage of some great new features on the Home screen and in Notification Center.

- **Redesign** - Instead of swiping up from the bottom of the Lock screen, you can slide to the right. Widgets are now accessible from the Lock screen by sliding to the left.
- **Rich notifications** - when you get notifications on your Lock screen, you can see live info, like calendar events, responding to messages, and more. You can also see live videos and get real-time scores from sporting apps like ESPN.
- **New Control Center panel** - There is now a secondary Now Playing panel in Control Center that you can swipe over to access.
- **Raise to wake for notifications** - Lets you see what's on your Lock screen without ever having to touch a button.
- **Expanded notifications for 3D Touch** - You can use 3D touch to clear all notifications at once.
- **3D Touch on Home screen** - You can use 3D Touch on apps to get more access to useful information. Adding widgets from the 3D Touch Peek to the Today View adds real-time updates for apps.

# PHOTOS

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# UNIVERSAL CLIPBOARD

- When you copy anything on your iPhone, you can immediately paste it into something on your iPad or Mac thanks to a Continuity update.

# PHONE

Thanks to third-party APIs, we get some pretty cool extensions to use with phone calls and VOIP apps.

- **Voicemail transcripts** - You can get your voicemails transcribed so you don't have to stop what you are doing to listen to messages left from a phone call.
- **VoIP extension** - Third-party calling apps, like WhatsApp and Skype look more like regular phone calls. They can be integrated into your Lock screen, Phone recents, and Phone favorites. The Contacts app also features additional ways to connect with your friends and family with quick access to the way you typically contact them.
- **Spam extensions** - Phone numbers will automatically be scanned for possible spam from Tencent Security.

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**[Click here for Trade in Prices for Apple products](#)**

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[iOS 10 preview](#)

[iOS 10 faq](#)

[iOS 10 news](#)

[iOS 9 review](#)

[iOS help guide](#)

[iOS Discussion](#)

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## Free Reference Materials For Your iDevices

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iPhone



Apple Watch



iPad



iPod

[https://support.apple.com/en\\_US/manuals](https://support.apple.com/en_US/manuals)

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[Apple Buyers Guide for all Apple Products Click Here](#)

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### Apps That Might Be of Interest



BriefKey - Custo...



Bingo Classic



Reverser - Back...

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## Next meeting is on October 12, 2016 at 3:00 pm

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