



January 2016

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

---

To find Apps that are free for a short time, click this icon below:



## **FUTURE iPHONES?**




---

## **iPhone iThought iQuestions**

What do you call a bent iPhone 6 plus?

*A dead wringer.*

How can you tell which one of your friends has the new iPhone 6s plus?

*Don't worry, they'll let you know.*

What do you call a Scottish iPhone?

*An AyePhone.*

What do you get if you cross an iPhone and a fridge?

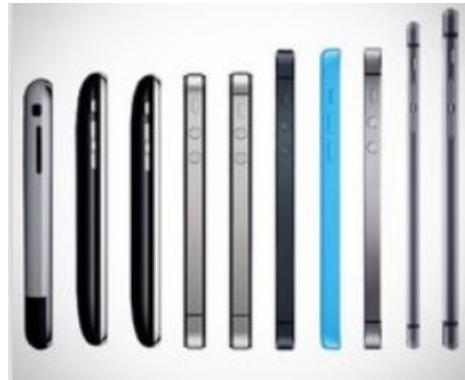
*Cool music.*

What do you call an iPhone that isn't kidding around?  
*Dead Siri-ous*

If Apple made a car, would it have Windows?

---

## Compared iPhones



---

## Fix Constant Apple ID Verification Password Pop-Ups on iPhone & iPad



Some iPhone and iPad users have discovered their devices keep asking them repeatedly for their Apple ID to be verified with a password. If you have this issue, this Apple ID password verification pop-up appears at random but frequently, and you'll see it appear anytime you reboot the device on the lock screen, and often when unlocking the device after a period of going unused.

There are actually two different pop-ups you may encounter with this issue in iOS, the wording is either "Apple ID Verification – Enter the password for (Apple ID) in Settings" or "Apple ID Password – The password for (Apple ID) needs to be updated." in both cases, you'll have an option to go to "Settings" and to "Sign In".

Resolving the continuous Apple ID password verification request is usually by doing the following:

1. When you see the Apple ID Verification pop-up message, choose "Settings"
2. Sign into the Apple ID with the password for the account as usual, this will make the message go away temporarily
3. Next, back up the iPhone, iPad, or iPod touch to iCloud and iTunes, you need to backup the

device because you likely need to update iOS software

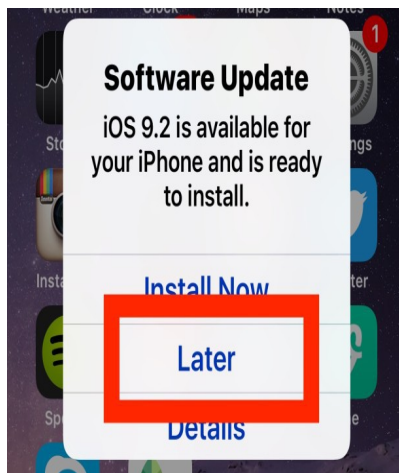
4. Open the Settings app and go to “General” followed by “Software Update”, install any software updates that are waiting available – If you’re already on the latest version of iOS and there are no software updates available skip this step, reboot the device, and go to the next
5. When the device boots back up, go back to “Settings”, then to “iCloud” and tap on the Apple ID username and email address, then sign in to iCloud when requested
6. Exit out of Settings, you shouldn’t see the Apple ID verification pop-up again



The latest versions of iOS automatically remind users, frequently, to install whatever awaiting version of iOS is available for their iPhone, iPad, or iPod touch. While you can postpone the software update 24 hours or [choose to install it automatically in the middle of the night](#), often times users don’t want to install the update at all for a variety of reasons. Nonetheless, you’ll be reminded again to install the iOS software update until you do. But can you stop iOS software update notifications and reminders from constantly popping up on your iPhone or iPad?

#### **Option 1: Punt the iOS Update for 24 Hours**

When you see the iOS Software Update reminder, choose “Later” and then choose “Remind Me Later” – don’t worry, it will remind you later. Again. And again.

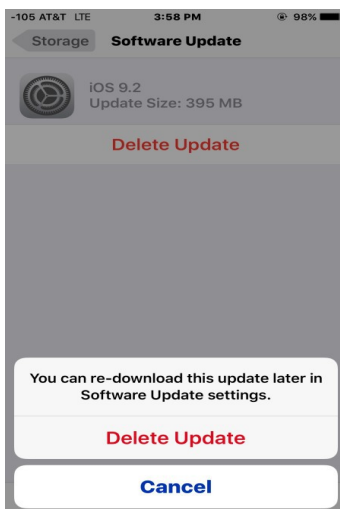


If you take this route, get used to pressing “Later” and “Remind Me Later” repeatedly, as in 24 hours you’ll be asked about it again. And 24 hours later, again. And another 24 hours later, you can go through the process yet again, until you either give in or move along with another of the options below.

## Option 2: Delete the iOS Update & Avoid Wi-Fi

The best way to stop being nagged about impending iOS updates available is to [delete the iOS update](#) from the iPhone, iPad, or iPod touch, and then avoid wi-fi. Deleting the available iOS update from the device will stop the update reminder from appearing, but you have to disconnect from wi-fi and avoid wireless networks because the moment your device is unattended and back on wi-fi... the iOS update will download itself again and start pestering you again. This is less than desirable particularly for those with limited broadband bandwidth, but Apple really wants you to update that iOS device to the latest available version.

1. Open the Settings app and go to “General”
2. Choose “Storage & iCloud Usage”
3. Go to “Manage Storage”
4. Locate the iOS software update that is nagging you and tap on it
5. Tap on “Delete Update” and confirm that you want to delete the update\*
6. Disconnect from wi-fi to avoid the software update downloading itself again



\* This deletes the available iOS update which stops the iOS update from popping up every day, however, the moment you're on a sustained wi-fi connection for a while the iOS update will download itself again automatically and start sending pop-ups to install it again. Don't worry, you won't lose the ability to install the iOS update, you can download it again yourself by going to Settings > Software Update, or just join wi-fi and leave the device unattended and it will download automatically without prompting.

Now that the update has been removed from the iOS device, you'll want to avoid wi-fi, otherwise the update will just download itself at the next chance it gets. Typically this happens after the iPhone, iPad, or iPod touch is on wi-fi and it hasn't been used in a while, similar to how iCloud automatically backs up.

## Option 3: Accept and Install the Update

Another approach is to just give in and submit to the iOS software update installation. Whether or not this is acceptable to you may depend on a variety of things, like what your opinion of a particular iOS update is, whether you're able to troubleshoot a potentially failed iOS install, whether you're busy or not, and perhaps even principle. On the plus side, you'll be on the latest version of iOS by doing so.

As always, if you decide to give into the nagging install notifications and install the software update,

always back up your iPhone, iPad, or iPod touch beforehand.

---

## Feeling Nosy? Use Your Nose to Interact with iPhone & Apple Watch



Did you know you can use your nose to control the touch screen on iPhone, iPad, and even Apple Watch? While many iPhone users have discovered the nose trick to unlock their device, open apps, and perform functions in iOS, but who really nose (knows, nose, get it? OK show me the door) how many Apple Watch users do too?

Well, now that you're aware that nosing your Apple Watch or other iOS device is possible, give it a try, or at least have it in the back of your mind for the next time you're in such a situation. The nose works to control on screen actions, whether replying to messages, starting and stopping a timer, or just about anything else, and it works surprisingly well, which is particularly helpful when your hands are tied up, busy, or are dirty and soiled. This is largely the basis of a [sort of funny Wall Street Journal article](#) (the source of the picture below) which discusses the alternative Hands-Free method of using your own nose to interact with Apple Watch. In fact, the WSJ references a survey where nearly 50% of 10,000 Apple Watch users surveyed say they have interacted with their Watch by using their nose, and another quarter plan to try it. While that number sounds pretty high, it's not too surprising, as we mentioned the nose method a few winters ago when discussing [taking a picture hands-free](#) in cold weather and many others have discovered the nose as a pointing device as well.



(WSJ image of a guy using his nose to interact with Apple Watch)

Using 3D Touch (once called Force Touch) is a little bit more challenging with your nose since you have to press against the screen particularly hard and may give yourself a sneeze in the process, but indeed the nose-based force click works as well as simple tapping functions.

---



## Stop Zoomed Wallpaper Resizing on iPhone & iPad with a Workaround



The new versions of iOS [zoom into a wallpaper](#) image when it is set as the wallpaper on both the lock screen and home screen of an iPhone, iPad, or iPod touch, effectively resizing the image. While this can make efficient use of some sized images and look great with certain types of pictures, the zooming wallpapers do not look so great with portraits, group photos, and just pictures of people or multiple subjects in general. While there's no direct way to stop the zooming, there's a little workaround trick you can utilize to stop the wallpaper image from being zoomed into on an iPhone or iPad, here's how it works.

For this example walkthrough, we'll use an iPhone and set [this picture](#) of The Beatles from UPI Wikipedia commons as the wallpaper, since most people who have bothered by the wallpaper zooming feature in iOS encounter it when using a group picture of people.

### Workaround to Set a Whole Image as Wallpaper Without Zooming / Resizing to Fit the Screen in iOS

1. Open the Photos app in iOS if you haven't done so already
2. Locate and open the the picture you want to set as the wallpaper without the zoom effect on the iPhone or iPad
3. Tap on the picture to hide the editing and sharing tools, this will place a black border around the picture
4. Now press the Home button and Power button concurrently to [take a screenshot](#) of the onscreen picture with the black border around it
5. Now locate the screen shot of the picture you just created in Photos app Camera Roll, tap on it, choose the Sharing button, then choose "Set As Wallpaper" – no more zooming!

While this prevents the wallpaper picture from being zoomed in on, the obvious downside is that you'll have a black border on the image.



The before and after seen above demonstrates how dramatic the difference is, with the prior picture so zoomed in you can't see half the faces, whereas the screenshot image is appropriately sized with no zoomed effect. You can see the effect by hitting the Power button once the wallpaper has been set to enable [the lockscreen](#).

Note this is not the same as [turning off the face-zoom feature on the iPad](#) picture frame.

This is obviously very much a workaround, but it's necessary for now until (if) iOS changes the way that wallpaper images are handled. The zoomed wallpapers have been in place for multiple major versions now, so don't expect a change anytime soon. For now, just take a screenshot of the picture on your iPhone, iPad, or iPod touch, and use that as the wallpaper instead, no zooming.

---

## Ways to Save Battery Power

# 1. Low Power Mode

Low Power Mode, according to Apple, flips switches we don't even know about. When it's enabled, you'll lose push email, Hey Siri, background tasks, and more, but you'll gain up to three extra hours of battery life. You'll be offered it automatically when you hit 20%, but you can turn it on manually at any time through Settings > Battery. The battery icon at the top right of your iPhone will turn yellow whenever Low Power Mode is enabled, so you'll never have to wonder.

If you don't want to leave Low Power Mode on all the time, but still want to

## 2. Lower light

The iPhone is LCD, not OLED, so it doesn't matter much what color is being displayed, it matters if the LED backlight is on, how intensely, and for how long. To keep energy output to a minimum, go to Settings > Display & Brightness, turn Auto-Brightness off, and drag Brightness as low as you can tolerate.

Bonus: [How to dim your screen brightness further than Control Center allows](#)





## 4. Boot the background

Apple does a lot to coalesce background updates so the radios don't transmit or receive any more than they have to. But if you don't need an app updating in the background, go to Settings > General > Background App Refresh and make sure that it doesn't. You'll have to wait for messages or media to refresh when you open the app, but if you don't open it often, the power savings

## 5. Lockout location

GPS takes a lot of power. Apple uses a bunch of tricks to keep location access to an absolute minimum, but like notifications and background, if you don't *need* an app to know where you are, go to Settings > Privacy > Location Services and select Never.

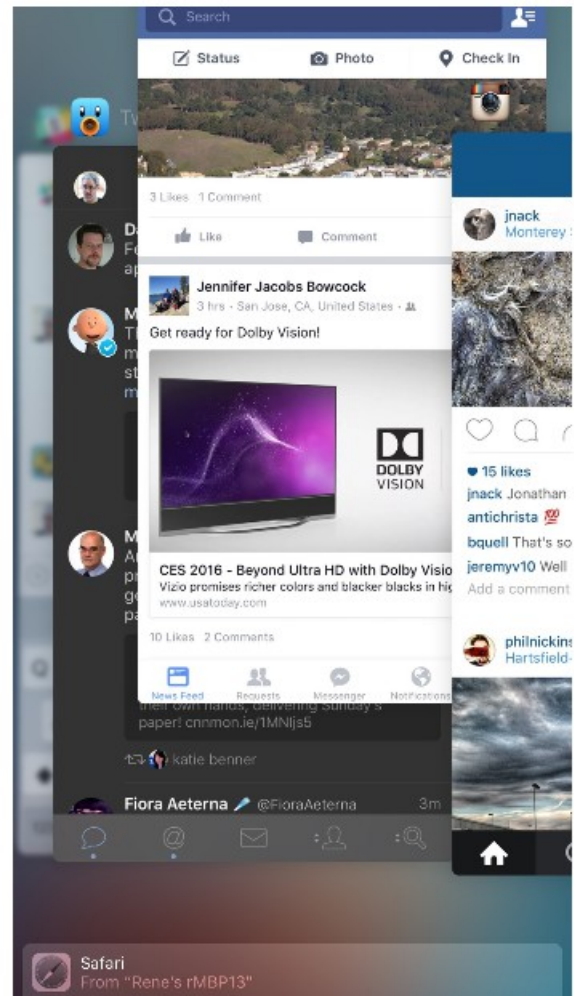
As an added bonus, it'll help protect your privacy as well.



## 6. Toss tasks

Apps that provide VoIP and turn-by-turn navigation can be much harder on multitasking cycles and GPS. If you're not using them, you can double click the Home button and close the app completely by tossing its card away. That'll shut down VoIP and navigation and start saving power on the spot.

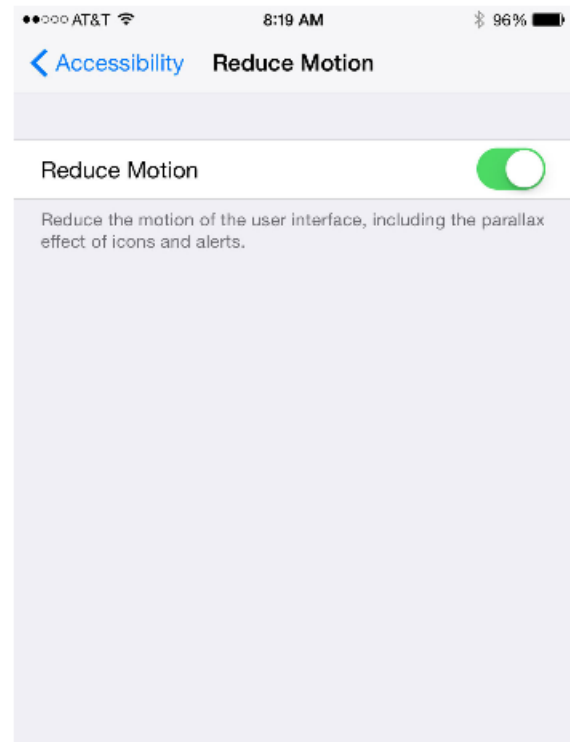
Note: Though Facebook isn't supposed to have full background access, it often behaves like it does and is a prime candidate for killing as well. (Some go so far as to uninstall it and use the mobile website instead.)



## 7. Minimize the Motion

Animating transitions and blurring backgrounds has become more efficient, and is certainly visually fun. If you don't want or need all the effects, however, you can turn them off and save a small amount of processing. Go to Settings > General > Accessibility > Reduce Motion, and turn it on.

Bonus: take the built-in Clock app, and it's GPU-activating second hand, and hide it in a folder.



---

### iPhone 7 comes into focus as reports fly



As usual several reports from the supply chain and analyst sources are looking towards Apple's next generation of iPhones. First in line is [new information about a metal iPhone 6c](#) to be released early next year. The launch of this [4-inch iPhone upgrade marks a departure](#) from Apple's annual refresh cycle. Speaking of which, the 5.5-inch iPhone 7 is expected to drop in September 2016 with a bevy of enhancements and an even thinner design. The concept above from [Mesut G. Designs](#) is loosely based on recent reports, featuring a 3D Touch home button embedded under the display itself.

### Internal Hardware

The iPhone 6s has 200% more RAM than its predecessor, and Apple is expected to up this number

again. The iPhone 7 is reported to contain 3 GB of RAM, which is 1.5 times the amount found in current generation iPhones. The additional RAM will be included with the next generation Apple A10 processor, which will improve CPU and graphics performance. Apple will likely update the motion coprocessor and other components with an eye on speed. Apple sources the current model A9 system from two suppliers, Samsung and TSMC.

[One report points to Apple abandoning the 3.5mm headphone jack](#) in the iPhone 7. Instead, audio would be delivered via the Lightning connector to compatible headphones or through an adapter. If Apple makes this change, the iPhone 7 could be significantly thinner, or it could pack a larger battery. The drawback would be that standard wired headphones would require an adapter to connect.

## **Waterproofing**

While the current iPhone 6s and iPhone 6s Plus are not waterproof, several design changes have increased the water resistance of these devices. For example, a rubber gasket around the case seam and sealed chip assemblies are practically waterproof. However, the speakers, microphone and ports are not waterproofed. Apple looks on track to fully waterproof and dust proof the iPhone 7, as reports indicate the company is already testing prototypes of this type. Another contribution to waterproofing could be a system-in-package design for the A10 processor, modeled after the water-resistant S1 found in the Apple Watch.

## **Embedded Touch ID**

Apple continues to improve and refine Touch ID technology, and the components coming to the iPhone 7 will continue this trend. Some reports show a Touch ID sensor that is actually embedded below the front display glass. This would be a radical departure for the iPhone home button, which has been a fixture on Apple phones since the very beginning.

## **Display**

The advantages of AMOLED technology have been listed before, thinner profile, lower power consumption, and more accurate color reproduction. Apple has been [rumored to be investigating OLED displays in the past](#), however the only Apple device currently using this display type is the Apple Watch. That could all change in the future. Current reports point to 2018 as the year that AMOLED displays may hit the iPhone, a few more iterations ahead of next year's iPhone 7.

Other rumors circling around the display involve a significantly reduced bezel size, with some even expecting the iPhone 7 screen to go completely edge-to-edge. The front of the upcoming device is reported to be flat as well, without the curved bezel seen on the iPhone 6s.

## **Camera**

Dual cameras are nothing new in the world of iPhone rumors. As of yet, Apple has not taken the plunge with any 3D photography or other uses for a dual-camera setup. While these rumors have resurfaced again regarding the iPhone 7, it is unlikely Apple would go this route next year. Other evidence, such as patents point to optimized lenses and other space-saving features for the iPhone camera.

## **Antenna**

Apple chassis supplier Catcher will use new compound materials for the exterior of the iPhone 7.



These materials will effectively hide the antenna bands currently visible on the back of the iPhone 6 and iPhone 6s. If the report is true, this would be the first non-plastic iPhone design to make antenna gaps mesh with the surrounding material. [Previous reports](#) have pointed to Apple patents for a composite material that appears like anodized metal, which would fit the bill perfectly. Materials other than metal, such as glass, must be used to provide a window for transmission and reception of radio signals.

This new material would allow Apple to design the iPhone 7 with a uniform metal appearance across the entire back without degrading communication performance.

In addition, rumors that the iPhone 7 would be fully waterproof were reinforced by the report. [Other news has already pointed](#) to the iPhone 6s and its bezel gasket, among other strides Apple has taken towards full waterproofing. Some have even successfully tested [the iPhone 6s and 6s Plus underwater for an hour](#) (pictured above). Making the iPhone 7 waterproof would require additional design changes to the ports, speaker and microphone as well as a sealed system-in-package design for the upcoming A10 processor.

---

## iOS 9.3 Preview Information

[Click here to see it](#)

---

## iPhone 6C

### Apple's new 4-inch handset rumored to be named 'iPhone 5e,' sport A8 CPU & 1GB RAM



Supply chain scuttlebutt over a new 4-inch iPhone continues to accumulate, with the latest rumors suggesting Apple will name its revamped handset the "iPhone 5e," with the letter 'e' potentially signifying that it is an 'enhanced' version of the iPhone 5s.

The rumored name comes from a [new report](#) published Monday by China's *MyDrivers*, which suggested the "iPhone 5e" is currently in production at Foxconn, ahead of an anticipated March release. The report also claimed the handset will feature an A8 processor with 1 gigabyte of RAM, countering earlier claims that the new 4-inch iPhone would feature the latest-generation A9 chip.

Keeping the device a mid-range handset, it was also said that the "iPhone 5e" will be limited to two capacities: 16 and 64 gigabytes, lacking the 128-gigabyte options found on the iPhone 6 and iPhone 6s lineups.

Monday's report suggests the defining features of the "iPhone 5e" will be support for Apple Pay, as well as voice over LTE capabilities for higher fidelity audio calls. The device was also said to be priced at 3,288 yuan, which is about \$500 U.S.

Thus far, rumors have simply referred to the new device as an "iPhone 6c," following the naming convention of the iPhone 5c. However, for that product, the "c" referred to the range of colors its plastic



casing was available in. The new 4-inch iPhone is expected to have a metal body available in just [two](#) or [three](#) casing colors.

Though it will look largely like an iPhone 5s, reports have suggested the design won't be completely unchanged. Specifically, it's expected the new, smaller iPhone will feature "2.5D" cover glass, or slightly curved like on the iPhone 6 and iPhone 6s, rather than the flat "2D" cover glass on the iPhone 5s.

---

## What's next for Apple in 2016: New product rumor roundup

[Click here for information](#)

---

### Links to other helpful items

[Secret Mail shortcuts](#)

[Secret keyboard shortcuts](#)

[Secret power-saving shortcuts](#)

[Secret Apple Watch controls](#)

[Secret Apple TV controls](#)

[Secret Siri commands](#)

[Secret Safari shortcuts](#)

[How to clear the App Store cache and refresh your content](#)

---

## Free Reference Materials For your iDevices

Apple iPhone User Guide	Apple iPad User Guide	Apple Support Page	Apple Watch Manual
			
Click the picture above to view			

**appleinsider** Price Guides

<http://prices.appleinsider.com/>

---

### Apps That Might Be of Interest



DMD Panorama



Google  
Cardboard



Visual  
Anatomy Lite



Face Morph FREE



Wikia Fan App  
for: Star Wars

---

**Next meeting is on February 10, 2016 at 3:00 pm**

---

**Special Note:** These pages contain links to third party websites.

I cannot guarantee any third party website that you may access through the links.

Also, it does not mean that I endorse those websites, or that I accept any responsibility for the content or use of those websites.

Thanks to contributors from the following: [ipadinsight.com](http://ipadinsight.com), [imore.com](http://imore.com), [patentlyapple.com](http://patentlyapple.com), [osxdaily.com](http://osxdaily.com), and more.