



iPad

iPad Air 2 and iPad mini 3

Reviewer's Guide
October 2014



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iPad



iPad Air 2

iPad is a magical sheet of glass. It's thin and light so that you can take it with you everywhere. Yet it's powerful with a long battery life so you can do whatever you need to do throughout the day. It keeps you connected to your world with fast wireless technologies. And it can transform into whatever you need it to be, thanks to the combination of hardware, iOS, built-in apps, and the more than 675,000 apps designed specifically for it.¹ The new iPad models are the result of our relentless pursuit to make iPad even more capable, connected, mobile, and versatile.

At just 6.1mm, iPad Air 2 is the thinnest iPad ever, making it easier to take with you everywhere. The 9.7-inch Retina display, with its fully laminated design and antireflective coating, is the best display ever created for iPad and makes everything you look at clearer, crisper, and more vivid. The powerful and power-efficient A8X chip with 64-bit desktop-class architecture delivers blazing-fast CPU and graphics performance, rivaling the performance of many desktop computers. So iPad Air 2 can run increasingly immersive, graphics-intensive apps even more responsively—all while still delivering up to 10 hours of battery life.²

The new iPad Air now includes our revolutionary Touch ID technology so you can use your fingerprint to unlock your iPad, access secure apps, and—with Apple Pay³—make purchases within shopping apps in an easier, faster, and more secure way. With the new 8MP iSight camera, featuring an even better sensor and a more powerful image signal processor, you can take incredibly detailed photos and professional-looking 1080p HD videos. The FaceTime camera has been redesigned too, with a new sensor that makes your video calls look better, even in low light.⁴ And new wireless technologies deliver faster Wi-Fi and LTE cellular connectivity, in more places, and with new levels of flexibility when it comes to data plans.⁵



iPad mini 3

The new iPad Air comes in three elegant metallic finishes: silver, space gray, and a beautiful new gold. Thinner, lighter, and more powerful than ever, iPad Air 2 is the most refined, capable, and versatile iPad yet.

Along with the new iPad Air 2, we've also updated iPad mini. People love iPad mini because it delivers the full iPad experience in a device that you can hold in your hand. We've added two highly requested features to iPad mini 3: Touch ID and a new gold finish. These new features join the 7.9-inch Retina display, iSight and FaceTime HD cameras, A7 chip, and up to 10-hour battery life to make iPad mini even more amazing.

In addition to all these great features, there are also new Smart Cases and Smart Covers (sold separately) for iPad Air 2 and iPad mini 3. They provide protection as well as a way to make your iPad more colorful.

Every iPad comes with iOS 8, with new features including Continuity, iCloud Drive, Family Sharing, AirPlay, and AirDrop, plus amazing built-in apps for email, browsing the web, sending messages, and more.⁶ And now Apple's creative apps—iMovie and GarageBand—and productivity apps—Pages, Numbers, and Keynote—are available on the 32GB and higher models and as free downloads from the App Store for 16GB iPad models.⁷ And all of these apps are optimized for 64-bit architecture.

iPad Air 2 and iPad mini 3. Both feature a thin and light design, stunning Retina display, Touch ID, amazing performance, ultrafast wireless connectivity, iOS 8, and seamlessly integrated services. Combined with more than 675,000 apps on the App Store designed specifically for iPad, there are almost no limits to what you can do with your iPad.



iPad Air 2

The new iPad Air 2 puts all the computer you may ever need into a simple piece of glass. More mobile and more capable than ever, iPad Air 2 has a gorgeous new Retina display, the high-performance A8X chip, Touch ID, new cameras, and faster wireless connectivity—in a design so thin and light you really have to hold it to believe it.

Incredible Thin and Light Design

The first thing you'll notice about iPad Air 2 is how incredibly thin and light it is. Through a series of refinements, iPad Air 2 is just 6.1 millimeters—Apple's thinnest iPad yet. That's 18 percent thinner than the previous iPad Air. In fact, iPad Air 2 is even thinner than iPhone 6. And it weighs less than a pound. So it's easy to hold in one hand and to take with you anywhere.



But iPad Air 2 doesn't sacrifice strength in the pursuit of thinness. From the moment you pick it up, you'll feel how durable and solid it is. The elegant aluminum unibody construction strengthens and simplifies the enclosure. The beveled edges are cut with a mono-crystalline diamond to tolerances measured in microns. The anodized aluminum body comes in three elegant metallic finishes: silver, space gray, and, for the first time, gold.





Retina Display

With its 2048-by-1536 resolution and an astounding 3.1 million pixels, the 9.7-inch Retina display is your window into the iPad experience. In iPad Air 2, the display now delivers an even richer experience. What used to be three separate display components—the cover glass, the touch sensor, and the LCD itself—are now fused into one. This design allowed us to make iPad Air 2 thinner. But it did much more: It made everything on the screen look better than ever.

With the single-construction design, the gaps between layers have been eliminated, along with the internal reflectance caused by those gaps. So colors are richer. Contrast is greater. And images are sharper and more vivid. The LCD layer is now closer to your eyes (and your fingers), so when you touch the screen, it's as though you're actually touching your content. You'll find yourself immersed in everything you do—whether playing games, surfing the web, or enjoying photos and videos.

iPad Air 2 also features a custom-designed antireflective coating that reduces glare by 56 percent, making it the least reflective tablet in the world. So you can use it in a variety of places—offices, classrooms, outdoors—and everything is clearer and more readable.



Powerful and Power-Efficient A8X Chip



The fast and fluid performance of iPad Air 2 begins with the Apple-designed A8X chip. Built on second-generation 64-bit desktop-class architecture, iPad Air 2 is faster and more powerful than ever. Incorporating an extraordinary 3 billion transistors, the A8X chip pushes the limits of performance, with speed and graphics that rival many personal computers.

The new A8X chip delivers 40 percent faster CPU performance than the A7 chip, so everything feels incredibly fluid and responsive. And all of your actions—swiping, pinching, zooming, scrolling, and rotating—happen more quickly and seamlessly.



The graphics performance of the A8X chip is an astonishing 2.5 times that of the A7 chip. This enables iPad Air 2 to deliver performance once possible only on desktop computers and gaming consoles. To get the greatest graphics performance out of the A8X chip and iOS 8, Apple created Metal, a new technology that lets developers design highly immersive console-style games. Metal is optimized to allow the CPU and GPU in the A8X chip to work together to deliver detailed graphics and complex visual effects. So apps bring new levels of immersive content to the big, beautiful Retina display.



M8 motion coprocessor

When you're in motion, the new M8 motion coprocessor continuously measures data from the accelerometer, compass, gyroscope, and a new barometer. It's a task that would normally fall to the A8X chip. But M8 is more efficient at it, which saves on power. The motion coprocessor also continuously calibrates all the sensors, so when you want to play a game or use Maps, iPad Air 2 is ready and able.



10-Hour Battery Life

Thanks to the power-efficient A8X chip, the M8 motion coprocessor, and tight integration with iOS 8, iPad Air 2 delivers incredibly long 10-hour battery life²—the same as iPad Air—even though it's thinner and more powerful. So you can read, watch, play, write, and create throughout the day.



Touch ID

Apple's revolutionary Touch ID technology is now available on iPad Air 2. Unlock your iPad with a touch of your finger instead of entering a passcode every time. It's convenient and secure.

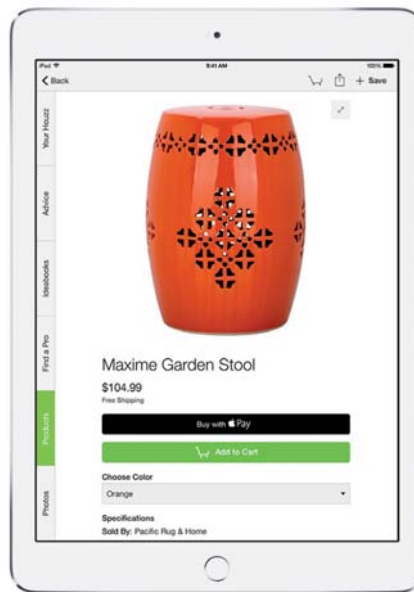
Now with new developments in iOS 8 and Touch ID, your fingerprint will grant you access to so much more. Your fingerprint now can approve purchases from the iTunes Store, the App Store, and the iBooks Store. And for the first time, developers can integrate Touch ID into their apps. So you'll be able to use your fingerprint to sign in and authorize new actions, without having to enter yet another password. As always, your fingerprint data is protected and never accessed by iOS or any other app.





Apple Pay

Everyone loves to shop on iPad—and now with Apple Pay, you can make your purchases within participating shopping apps. To add a payment card, use your iSight camera to instantly capture your card information. Or you can manually type it into Passbook. Apple Pay automatically uses your primary card, so there's no need to re-enter credit card or shipping information. When you're ready to check out, select Apple Pay and place your finger on the Touch ID sensor. And you're done. Buy movie tickets, send the perfect gift, or book a trip from your favorite app the moment you think about it. Apple Pay is available in the United States at this time.



Faster Wireless



The things you love to do on iPad are even better when you're connected. And now that connection is even faster for both Wi-Fi and LTE. Using two antennas, instead of one, with MIMO (multiple-input multiple-output) technology, iPad Air 2 features advanced 802.11ac Wi-Fi technology. That means Wi-Fi performance on the new iPad Air is more than twice as fast as before, with speeds up to 866 Mbps.⁸

You can also use the built-in Wi-Fi to share content between devices. AirDrop is the quickest and easiest way to wirelessly share documents and files with someone nearby with a Mac or iOS device. And with AirPlay, you can wirelessly stream what's on your iPad Air 2 to your HDTV and speakers via Apple TV—without having to log on to a network.⁹ Or you can mirror exactly what's on your iPad display and see it on the big screen. So whether you're in the boardroom, the classroom, or the living room, you'll be able to share everything—from a business presentation, to a history lesson, to a vacation video.



If you're out of Wi-Fi range, the cellular iPad Air 2 models come with LTE technology offering speeds up to 150 Mbps—a 50 percent increase over previous models. With support for up to 20 LTE bands, you can connect to more high-speed LTE networks in more places around the world, for faster downloads and easier sharing. And data plans are flexible, so you don't have to sign a long-term contract. Some carriers even have plans that let you share data across multiple devices.

For more information on iPad and LTE support, go to www.apple.com/ipad/LTE.

In the United States and United Kingdom, the new Apple SIM is preinstalled on iPad Air 2 with Wi-Fi + Cellular models. The Apple SIM gives you the flexibility to choose from a variety of short-term plans from select carriers in the U.S. and UK right on your iPad. So whenever you need it, you can choose the plan that works best for you—with no long-term commitments. And when you travel, you may also be able to choose a data plan from a local carrier for the duration of your trip.

iSight Camera



New Camera features

- High-resolution panorama
- Exposure control
- Time-lapse video
- 120-fps slo-mo
- Burst mode
- Timer

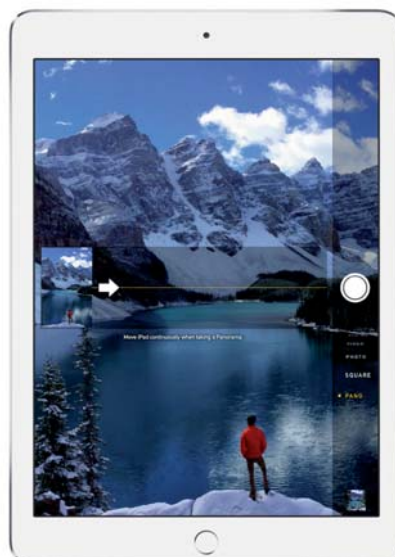
Every day, more people use iPad to shoot photos and videos. And now they have even more reasons to do so. The iSight camera's new 8MP sensor captures images in 3264-by-2448 native resolution and 1080p HD video. So your photos and videos stay sharp and clear, even when viewed on larger screens and TVs. Shooting photos and videos using iPad Air 2 with its brilliant Retina display is like looking through the viewfinder of a high-end SLR camera.

Behind the precision optics and the new sensor lie the brains of the iSight camera: the powerful image signal processor in the A8X chip. Its improved face detection technology keeps more faces in focus—even ones that are smaller or farther away. And better noise reduction gives you cleaner, sharper images.



High-resolution panorama

Pano mode lets you take high-resolution panoramic photos at up to 43MP. And dynamic auto exposure adjusts as you shoot to capture your most epic shots with incredible clarity.



Burst mode

Burst mode continuously captures 10 photos per second. As you shoot, your iPad Air 2 analyzes every shot in real time, comparing sharpness and clarity. Then it suggests individual photos or a sequence of photos that you might like best. Burst mode works with both iSight and FaceTime cameras.



HD Video Recording in 1080p



Videos are a great way to capture moments, and now the iSight camera features advanced video capabilities that will make your videos even better. The camera lets you shoot 1080p HD at 30 fps, and it also supports slo-mo and time-lapse modes. And with automatic video stabilization, your recording is free of bumps and shakes. So your videos are instantly ready to share. For more advanced editing options, use the free iMovie app to create amazing trailers, incorporate Hollywood-style themes, and fine-tune your soundtrack.⁷

Time-lapse video

Time-lapse video was introduced with the iPhone 6 and people love the feature. iOS 8 does all the work, snapping photos at dynamically selected intervals. Just set up your iPad Air to shoot what you want. Swipe to select Time-lapse mode, tap the Record button, and let Camera record as long as you choose. You'll have an amazing movie, whether you record for 30 minutes or 30 hours.



Slo-mo at 120 fps

The slo-mo feature on iPad Air 2 lets you shoot HD video at 120 fps in 720p. You can even record and then select the portion you want to slow down, or change which section of your film is in slow motion.

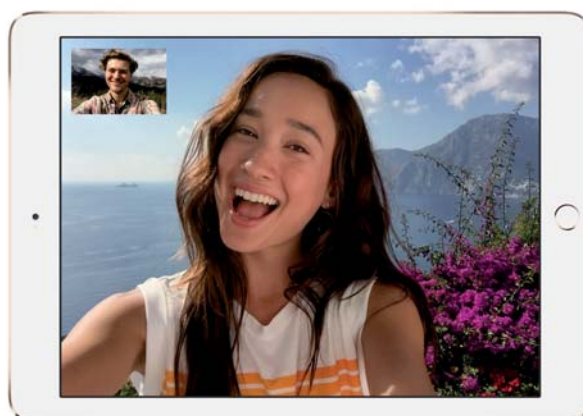


FaceTime HD Camera



iPad has become everyone's favorite device for making amazing-looking FaceTime calls.⁴ The new front-facing FaceTime HD camera—with a larger $f/2.2$ aperture and an improved backside illumination sensor with larger pixels—captures 81 percent more light. So your video calls come through with amazing detail, even in low-light situations.

A new burst mode continuously captures 10 photos per second, helping you capture the perfect selfie with ease. Every burst sequence is analyzed in real time, comparing photos for sharpness and clarity, recognizing faces faster and more accurately with improved face detection, and even identifying blinks and smiles better. Burst mode works with a new timer mode, so you can take 3 or 10 seconds to get everyone in the frame.



The FaceTime HD camera's sensor comes with a new single-shot HDR technology for improved photos and HDR videos. New exposure controls let you lighten or darken your photos and videos with a simple swipe in either direction. And for beautiful group videos and FaceTime video calls under bright skies or dimmer lighting conditions, the new sensor enables HDR video.

The two microphones in iPad Air 2 employ sophisticated noise-reduction technology to suppress background noise. In addition, as you switch cameras from front to back (or vice versa), the microphones switch too.

Shoot. Edit. Share.

Combining advanced hardware and iOS 8, iPad Air 2 captures amazing image. But that's just the beginning. iPad Air 2 is as easy to use as a point-and-shoot camera, but so much more advanced. Use the Retina display as the perfect viewfinder to frame the perfect shot. The autofocus, tap to focus, and tap to set exposure functions mean every photo you take instantly becomes frameworthy. And with a quick swipe, jump between shooting stills and 1080p HD video.

Once you've captured a photo or video, there's a whole lot more you can do. iPad Air 2 makes fine-tuning a breeze, because its built-in editing apps work seamlessly with all your images. Adjust exposure, color, brightness, and contrast. Add filters. Edit a movie with iMovie. Or use third-party apps to do even more, like turn a photo into a cartoon, complete with dialogue balloons. And thanks to the large display, you'll be able to do it all without switching to a desktop or laptop.

When your photos and videos are ready, share them with friends and family using iCloud Photo Sharing.¹⁰ Simply tap iCloud in your share sheet, and your photos and videos are automatically posted to your photo stream—or to Facebook, Twitter, or other social media. And you can always control who's allowed to see what.



More than just photos and videos

The cameras on iPad Air 2 can do more than take dazzling photos and videos. Used with apps, they can do remarkable things. Like be your partner on that home redeco-rating project. Improve your athletic performance. Or let you scan, save, and send documents. And developers are working on new apps that do even more with the cameras. You'll find them on the App Store.

Learn more at www.apple.com/ipad-air-2/cameras.

iPad mini 3

iPad mini gives you the full iPad experience in a design that's easy to take with you everywhere. With advancements like Touch ID, iOS 8, and the new gold finish, there's even more to love about iPad mini 3.

Beautiful 7.9-inch Retina Display



The iPad mini 3 packs every one of the 3.1 million pixels of the 9.7-inch iPad display into its 7.9-inch Retina display. That's a 2048-by-1536 resolution and a pixel density of 326 pixels per inch. The pixels are so close together, your eyes can't distinguish them. With the Retina display on iPad mini 3, text is razor sharp, and photos and videos are rich with detail. So whether you're reading a book, looking at photos, or just browsing the web, everything looks better. Of course, the more than 675,000 apps designed for iPad work on iPad mini too.¹



Touch ID



As with iPad Air 2, the new iPad mini now features the revolutionary Touch ID technology built into the Home button. So you can use your fingerprint to unlock your iPad with a single touch.

Now with new developments in iOS 8 and Touch ID, your fingerprint will grant you access to even more. Your fingerprint now can approve purchases from the iTunes Store, the App Store, and the iBooks Store. And for the first time, developers can integrate Touch ID into their apps. So you'll be able to use your fingerprint to sign in and authorize new actions, without having to enter yet another password. As always, your fingerprint data is protected and never accessed by iOS or any other app. In the U.S., you can also use Touch ID with Apple Pay to make purchases within participating apps.



A7 Chip and M7 Motion Coprocessor

The A7 chip gives iPad mini 3 serious power and capability. The chip's 64-bit desktop-class architecture makes your apps and games incredibly responsive. But that's just the beginning. With iOS 8, iPad mini 3 supports the new Metal technology, enabling detailed graphics and visual effects once possible only on desktop computers and game consoles. Not to mention the huge variety of beautiful, powerful apps that let you do amazing things.



Like iPad Air, iPad mini 3 is designed to be on the move. The M7 coprocessor measures motion from your iPad mini by pulling data from the accelerometer, gyroscope, and compass. So your apps can give you a better experience based on the movement of your iPad mini. It's a task that would normally fall to the A7 chip, but M7 is more efficient at it, which saves on power.

UP TO
10
HOUR BATTERY

10-Hour Battery Life

The A7 chip isn't just powerful, it's also power efficient. Working with M7 and iOS 8, it helps deliver up to 10 hours of battery life.² So no matter where you go with iPad mini, you'll have the battery power you need.



Fast Wireless

iPad mini gives you fast Wi-Fi performance thanks to two antennas and MIMO (multiple-input multiple-output) technology. With dual-band (2.4GHz and 5GHz) 802.11n Wi-Fi and MIMO, download speeds can reach up to 300 Mbps, so when you download a movie, share photos or documents with AirDrop, or just browse the web, your connection is always speedy.



iPad mini 3 Wi-Fi + Cellular models offer up to 13 LTE bands.⁵ So you can connect to high-speed LTE networks for faster downloads and easier sharing when Wi-Fi isn't available.

As with iPad Air 2, the new Apple SIM is preinstalled on iPad mini 3 with Wi-Fi + Cellular models in the U.S. and UK. The Apple SIM gives you the flexibility to choose from a variety of short-term plans from select carriers in the U.S. and UK right on your iPad. So whenever you need it, you can choose the plan that works best for you—with no long-term commitments. And when you travel, you may also be able to choose a data plan from a local carrier for the duration of your trip.

iSight Camera



The iSight camera on iPad mini 3 was designed to help you capture great photos and videos. Use the Retina display as an easy viewfinder to frame the perfect shot. The 5MP iSight camera with an $f/2.4$ aperture and a five-element lens, enabling it to capture light efficiently to produce a sharper overall image. The new iPad mini also supports HDR photos, letting you capture a series of images with every photo you take, then uses the best parts of each one to create the perfect photo. Every time you shoot, the image signal processor in the A7 chip works with the camera to make a ton of adjustments, and deliver a great picture or video—automatically. It also supports high-resolution panoramic photos up to 43MP. After you've taken those amazing photos, you can use the Photos app in iOS 8 to search for the photos you want by date, time, location, and more—and edit them using smart editing tools and photo filters. Then you can share them with iCloud Photo Sharing¹⁰ or post directly from the Photos app to social media sites like Twitter and Facebook.



HD Video Recording in 1080p



Videos are a great way to capture moments and now the iSight camera features advanced video capabilities that will make your videos even better. The camera lets you shoot 1080p HD at 30 fps, and time-lapse videos. And with automatic video stabilization, your recording is free of bumps and shakes. So your videos are instantly ready to share. For more advanced editing options, use the free iMovie app to create amazing trailers, incorporate Hollywood-style themes, and fine-tune your soundtrack.⁷

FaceTime HD Camera



With the front-facing FaceTime HD camera on iPad mini 3, you can make a video call over Wi-Fi or cellular and see everything on the beautiful Retina display.⁴ The camera features a backside illumination sensor, which brightens up all your FaceTime chats, selfies, and group Photo Booth shots, even in low-light situations. iPad mini also has dual microphones for excellent sound quality for video calls.



iPad Accessories

A range of accessories are available to make the most of your new iPad, including cases and covers and everything you need for typing, streaming videos and games to your TV, printing wirelessly, listening to music, and much much more. Below are the new Smart Covers and Smart Cases for iPad.¹¹

Smart Covers

The Smart Cover is constructed from a single piece of polyurethane, comes in seven bright new colors, and has a sleek covered hinge that custom fits the thin profile of iPad. And it doesn't just protect it. The Smart Cover actually wakes your iPad when opened and puts it to sleep when closed. The Smart Cover also folds into different positions to create a stand for reading, viewing, typing, or making FaceTime calls. And it's easily removed, so you can snap it on and off whenever you want. There are Smart Covers that fit both iPad Air and iPad mini models.



iPad Air and iPad mini Smart Covers and Smart Cases are also available in (PRODUCT)RED.¹¹



Smart Cases

The Smart Case is the most streamlined way to protect iPad, front and back. It comes in five elegant shades, and its beautiful aniline-dyed leather feels great in your hand. The Smart Case wakes your iPad when opened and puts it to sleep when closed. And like the Smart Cover, it folds to create a stand, so you can position iPad for whatever you want to do, wherever you want. There are Smart Cases for both iPad Air and iPad mini models. And there are Smart Cases made especially for the thinner profile of iPad Air 2.



For more information on Apple accessories, go to www.apple.com/ipad/accessories.

iOS 8



iOS 8 is the biggest release since the launch of the App Store, giving users incredible new features, and developers the tools to create amazing new apps.

Both iPad Air 2 and iPad mini 3 come with iOS 8. The new release delivers a simpler, faster, and more intuitive user experience with new Messages and Photos features, predictive typing for the QuickType keyboard, Family Sharing, iCloud Drive, and more.⁶

Messages



Messages in iOS 8 makes conversations more immersive. Now you can communicate with just a swipe. Tap to Talk allows you to share your voice, and the same simple gesture also works for sharing videos and photos. Group messaging lets you add and remove contacts, leave a conversation, or choose not to be disturbed. You can easily browse through all of the photos and videos within a conversation and share multiple photos and videos at once. You can choose to share your current location from within Messages for an hour, a day, or longer.

Photos



The Photos app makes it easier than ever to find and edit your photos and videos. Search by date, time, location, or album name, or use smart suggestions. It also brings powerful editing to your fingertips. Photos automatically straightens horizons; and with smart editing tools, users can quickly adjust light and color with a swipe. For deeper fine-tuning, access individual tools to adjust exposure, brightness, contrast, highlights, shadows, and more. Developers can tap into the same robust framework as the built-in Photos app using PhotoKit. And with extensibility APIs, developers can make their own filters and editing tools available to users within the Photos app.

QuickType



Apple's QuickType keyboard brings new predictive typing that is smarter, more personalized, and intelligently takes context into account, such as who the recipient is and in which app you're typing. QuickType understands the way you communicate, suggesting favorite phrases, so you can write entire sentences with just a few taps. What the keyboard learns is kept private—encrypted on your device and never sent to the cloud. Third-party keyboards are also available, so developers can offer additional layout and input methods systemwide.

For a list of languages supported in QuickType and QuickType predictive input, visit www.apple.com/ipad-air-2/specs.



AirPlay

AirPlay lets you wirelessly stream what's on your iPad to your HDTV and speakers via Apple TV, without having to log on to a network.⁹ Or you can mirror exactly what's on your display and see it on the big screen. So whether you're in the boardroom, the classroom, or the living room, you'll be able to share everything—from a business presentation, to a history lesson, to a vacation video.



AirDrop

AirDrop is the quickest and easiest way to wirelessly share documents and files with someone nearby. Simply enable AirDrop in the Control Center, then select a photo, video, or document, tap the Share icon, and choose who you want to share with. And boom, the file appears on their device. It's a lot easier than digging around for a thumb drive.



Family Sharing

iOS 8 introduces Family Sharing, which makes it easier than ever to communicate and share purchases, photos, and calendars within the same household.¹² Family members can browse and download each other's iTunes, iBooks, and App Store purchases. Up to six family members can participate, each with their own Apple ID. Parents can create Apple IDs for children, which include Ask to Buy, requiring parental permission for purchases. Family Sharing automatically keeps everyone connected by creating a shared family photo stream and calendar, and provides an option for locating family members and their devices.



iCloud Drive

iCloud Drive allows you to safely store, access, and edit documents of any type.¹⁰ Make edits on one device and the most up-to-date version of your documents will be available across all devices—whether an iOS device, a Mac computer, a Windows PC, or on www.icloud.com. iCloud Drive brings new collaboration between apps, providing seamless access and the ability to work on the same file across multiple devices.



Continuity

Continuity features in iOS 8 and OS X Yosemite bring your Mac and iOS devices together like never before. When your iPhone or iPad is near your Mac, Handoff lets you start an activity on one device and pass it to the other. Instant Hotspot makes using your iPhone hotspot as easy as connecting to a Wi-Fi network. Now the SMS and MMS messages that previously appeared only on your iPhone appear in Messages on all your devices. You can even send SMS or MMS messages directly from your iPad, and make or receive iPhone calls using your iPad when on the same wireless network.

Technical Specifications



iPad Air 2



iPad mini 3

Capacity and Price ¹³	Wi-Fi:		Wi-Fi + Cellular:		Wi-Fi:		Wi-Fi + Cellular:	
	16GB	\$499	16GB	\$629	16GB	\$399	16GB	\$529
	64GB	\$599	64GB	\$729	64GB	\$499	64GB	\$629
	128GB	\$699	128GB	\$829	128GB	\$599	128GB	\$729
Display	Retina display 9.7-inch (diagonal) LED-backlit Multi-Touch display with IPS technology 2048-by-1536 resolution at 264 pixels per inch (ppi) Fingerprint-resistant oleophobic coating Fully laminated display				Retina display 7.9-inch (diagonal) LED-backlit Multi-Touch display with IPS technology 2048-by-1536 resolution at 326 pixels per inch (ppi) Fingerprint-resistant oleophobic coating —			
Dimension, and Weight ¹⁴	Height: 9.4 inches (240 mm) Width: 6.6 inches (169.5 mm) Depth: 0.24 inch (6.1 mm) Weight: 0.96 pound (437 g) Wi-Fi Weight: 0.98 pound (444 g) Wi-Fi + Cellular				Height: 7.87 inches (200 mm) Width: 5.3 inches (134.7 mm) Depth: 0.29 inch (7.5 mm) Weight: 0.73 pound (331 g) Wi-Fi Weight: 0.75 pound (341 g) Wi-Fi + Cellular			
Chip	A8X chip with 64-bit architecture and M8 motion coprocessor				A7 chip with 64-bit architecture and M7 motion coprocessor			
Touch ID	Fingerprint identity sensor				Fingerprint identity sensor			

Camera	<p>FaceTime HD camera: 1.2MP photos 720p HD video FaceTime video calling over Wi-Fi or cellular⁴ Face detection Backside illumination</p> <p>iSight camera: 8MP photos Autofocus Face detection Backside illumination Five-element lens Hybrid IR filter <i>f</i>/2.4 aperture HDR photos Panorama Burst mode</p>	<p>FaceTime HD camera: 1.2MP photos 720p HD video FaceTime video calling over Wi-Fi or cellular⁴ Face detection Backside illumination</p> <p>iSight camera: 5MP photos Autofocus Face detection Backside illumination Five-element lens Hybrid IR filter <i>f</i>/2.4 aperture HDR photos Panorama —</p>
Video Recording (1080p HD)	<p>Tap to focus while recording Video stabilization Face detection Backside illumination 3x video zoom Time-lapse video Slo-mo video</p>	<p>Tap to focus while recording Video stabilization Face detection Backside illumination 3x video zoom Time-lapse video —</p>
Wireless and Cellular	<p>Wi-Fi: Wi-Fi (802.11a/b/g/n/ac)¹⁵; dual channel (2.4GHz and 5GHz) MIMO Bluetooth 4.0 technology</p> <p>Wi-Fi + Cellular: Wi-Fi (802.11a/b/g/n/ac); dual channel (2.4GHz and 5GHz) MIMO Bluetooth 4.0 technology GSM/EDGE CDMA EV-DO Rev. A and Rev. B UMTS/HSPA/HSPA+/DC-HSDPA LTE⁵ Data only¹⁶</p>	<p>Wi-Fi: Wi-Fi (802.11a/b/g/n)¹⁵; dual channel (2.4GHz and 5GHz) MIMO Bluetooth 4.0 technology</p> <p>Wi-Fi + Cellular: Wi-Fi (802.11a/b/g/n); dual channel (2.4GHz and 5GHz) MIMO Bluetooth 4.0 technology GSM/EDGE CDMA EV-DO Rev. A and Rev. B UMTS/HSPA/HSPA+/DC-HSDPA LTE⁵ Data only¹⁶</p>
SIM Card	Nano-SIM	Nano-SIM
Connector	Lightning	Lightning

Battery Life ¹⁷	Up to 10 hours of surfing the web on Wi-Fi, watching video, or listening to music Up to 9 hours of surfing the web using cellular data network Charging via power adapter or USB to computer system	
Sensors	Touch ID Three-axis gyro Accelerometer Ambient light sensor Barometer	Touch ID Three-axis gyro Accelerometer Ambient light sensor —
In the Box	Lightning to USB Cable USB Power Adapter	Lightning to USB Cable USB Power Adapter
iPad and the Environment	<p>iPad Air 2 embodies Apple's continuing environmental progress. It is designed with the following features to reduce environmental impact:</p> <ul style="list-style-type: none"> • Arsenic-free display glass • Mercury-free LED-backlit display • Brominated flame retardant-free • PVC-free • Beryllium-free • Recyclable aluminum enclosure • Meets ENERGY STAR® Version 6.1 requirements • Achieved a Gold rating from EPEAT¹⁸ 	<p>iPad mini 3 embodies Apple's continuing environmental progress. It is designed with the following features to reduce environmental impact:</p> <ul style="list-style-type: none"> • Arsenic-free display glass • Mercury-free LED-backlit display • Brominated flame retardant-free • PVC-free • Recyclable aluminum enclosure • Meets ENERGY STAR® Version 6.1 requirements • Achieved a Gold rating from EPEAT¹⁸

For all the iPad technical specifications, visit www.apple.com/ipad-air-2/specs or www.apple.com/ipad-mini-3/specs.

iPad Lineup



iPad Air 2



iPad Air



iPad mini 3



iPad mini 2



iPad mini

There's an iPad for everyone, ranging from iPad Air 2, the thinnest and most powerful iPad, to the iPad mini, the most affordable iPad. All of them deliver the unparalleled iPad experience on their beautiful displays and run the 675,000+ apps designed specifically for iPad that are available on the App Store.¹ For more information on the iPad lineup, visit www.apple.com/ipad/compare.

For More Information

For more information about iPad, visit www.apple.com/ipad.

Internet access requires a compatible Internet service provider; fees may apply. Product includes electronic documentation.

¹App count refers to the total number worldwide. Not all content is available in all countries. ²Battery life varies by use and configuration; see www.apple.com/batteries for more information. ³Apple Pay is available in the U.S. ⁴FaceTime 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. ⁵Data plan required. LTE is available in select markets and through select carriers. Speeds will vary based on site conditions. For details on LTE support, contact your carrier and see www.apple.com/ipad/LTE. ⁶Some features may not be available for all countries or all areas. To see a complete list, visit www.apple.com/ios/feature-availability. ⁷iMovie, Pages, Numbers, and Keynote are free on the App Store for qualifying iOS 8 compatible devices with initial activation on or after September 1, 2013. GarageBand is free on the App Store for qualifying iOS 8 compatible devices with initial activation on or after September 1, 2014. See www.apple.com/ios/whats-new for iOS 8 compatible devices. Downloading apps requires an Apple ID. ⁸Based on theoretical peak speeds. Actual speeds will be lower. ⁹AirPlay is compatible with the second-generation Apple TV or later. ¹⁰iCloud requires an iCloud-enabled device. Some features require iOS 8 and OS X Yosemite. Some features require a Wi-Fi connection. Some features are not available in all countries. Access to some services is limited to 10 devices. ¹¹The Smart Cover and Smart Case are sold separately; a portion of each (PRODUCT)RED sale goes to fight HIV/AIDS in Africa. ¹²Family Sharing requires a personal Apple ID signed in to iCloud and iTunes. Music, movies, TV shows, and books can be downloaded on up to 10 devices per account, five of which can be computers. iOS 8 and OS X Yosemite are required to set up or join a Family Sharing group and are recommended for full functionality. Not all content is eligible for Family Sharing. Content can be hidden by family members; hidden content is not available for download. Content downloaded from family members or acquired via redemption codes is not subject to Ask to Buy. ¹³Prices are Apple Store prices as of October 2014, are subject to change, do not include taxes or shipping, and are listed in U.S. dollars. 1GB = 1 billion bytes; actual formatted capacity less. ¹⁴Size and weight vary by configuration and manufacturing process. ¹⁵Internet access required; broadband recommended; fees may apply. ¹⁶Cellular data plan is sold separately. The model you purchase is configured to work with a particular cellular network technology. Check with your carrier for compatibility and cellular data plan availability. ¹⁷Testing conducted by Apple in October 2014 using preproduction iPad Air 2 or iPad mini 3 units and software. Testing consisted of full battery discharge while performing each of the following tasks: video playback, audio playback, and Internet browsing using Wi-Fi or cellular data network. Video content was a repeated 2-hour 23-minute movie purchased from the iTunes Store. Audio content was a playlist of 358 unique audio tracks purchased from the iTunes Store. Internet over Wi-Fi and cellular data network tests were conducted using dedicated web and mail servers, browsing snapshot versions of 20 popular web pages, and receiving mail once an hour. All settings were default except: Wi-Fi was associated with a network (except for Internet browsing over cellular data network); the Wi-Fi feature Ask to Join Networks and Auto-Brightness were turned off; Brightness was set to 50%; and WPA2 encryption was enabled. Battery life depends on device settings, usage, and many other factors. Battery tests are conducted using specific iPad units; actual results may vary. ¹⁸Achieved a Gold rating from EPEAT in the United States and Canada.

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