

Basics

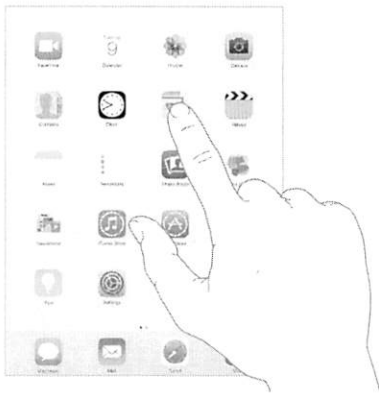
3

Use apps

All the apps that come with iPad—as well as the apps you download from the App Store—are on the Home screen.

Start at home

Tap an app to open it.

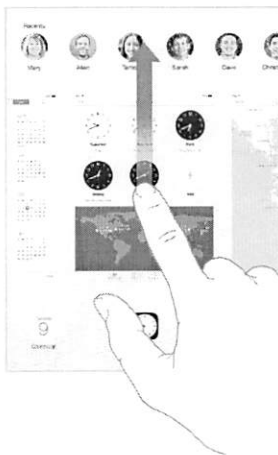


Press the Home button anytime to return to the Home screen. Swipe left or right to see other screens.

Multitasking

iPad helps you manage several tasks at the same time.

View contacts and open apps. Double-click the Home button to reveal the multitasking screen. Swipe left or right to see more. To switch to another app, tap it. To connect with a recent contact, tap the contact's picture or name, then tap your preferred method of communication.



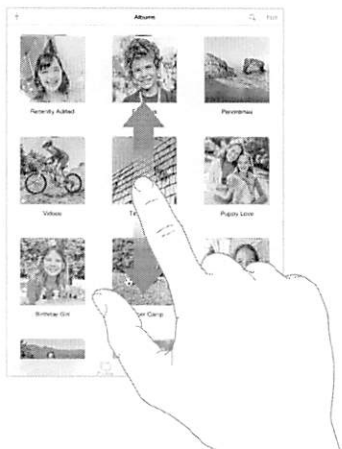
Drag an app up to close it.

Close an app. If an app isn't working properly, you can force it to quit. Drag the app up from the multitasking screen. Then try opening the app again.

If you have lots of apps, you can use Spotlight to find and open them. Pull down the center of the Home screen to see the search field. See [Spotlight Search](#) on page 31.

Look around

Drag a list up or down to see more. Swipe to scroll quickly; touch the screen to stop it. Some lists have an index—tap a letter to jump ahead.



Drag a photo, map, or webpage in any direction to see more.

To quickly jump to the top of a page, tap the status bar at the top of the screen.

Zoom in or out

Spread a photo, webpage, or map for a close-up—then pinch to zoom back out. In Photos, keep pinching to see the collection or album the photo's in.



Or double-tap a photo or webpage to zoom in, then double-tap again to zoom out. In Maps, double-tap to zoom in, then tap once with two fingers to zoom out.

Multitasking gestures

You can use multitasking gestures on iPad to return to the Home screen, reveal the multitasking display, or switch to another app.

Return to the Home screen. Pinch four or five fingers together.

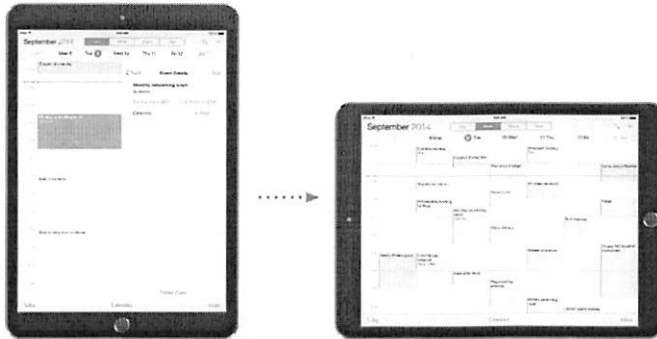
Reveal the multitasking display. Swipe up with four or five fingers.


Switch apps. Swipe left or right with four or five fingers.

Turn multitasking gestures on or off. Go to Settings > General > Multitasking Gestures.

Change the screen orientation

Many apps give you a different view when you rotate iPad.




Lock the screen orientation. Swipe up from the bottom edge of the screen to open Control Center, then tap .

The orientation lock icon  appears in the status bar when the screen orientation is locked.

You can also set the Side Switch to lock the screen orientation instead of silencing sound effects and notifications. Go to Settings > General then, under "Use Side Switch to," tap Lock Rotation.

App extensions

Some apps let you extend the functionality of your apps on iPad. An app extension may appear as a sharing option, action option, a widget in Notification Center, a file provider, or a custom keyboard. For example, if you download Pinterest to iPad, Pinterest becomes another option for sharing when you click .



App extensions can also help you edit a photo or video in your Photos app. For example, you can download a photo-related app that lets you apply filters to photos from your Photos app.

Install app extensions. Download the app from the App Store, open the app, then follow the onscreen instructions.

Instant Hotspot

You can use Instant Hotspot on your iPhone (with iOS 8) or iPad (cellular models with iOS 8) to provide Internet access to your other iOS devices and Mac computers (with iOS 8 or OS X Yosemite) that are signed into iCloud using the same Apple ID. Instant Hotspot uses your iPhone or iPad Personal Hotspot, without you having to enter a password or even turn on Personal Hotspot.

Use Instant Hotspot. Go to Settings > Wi-Fi on your iOS device without cellular capabilities, then simply choose your iPhone or iPad network under Personal Hotspots. On your Mac, choose your iPhone or iPad network from your Wi-Fi settings.

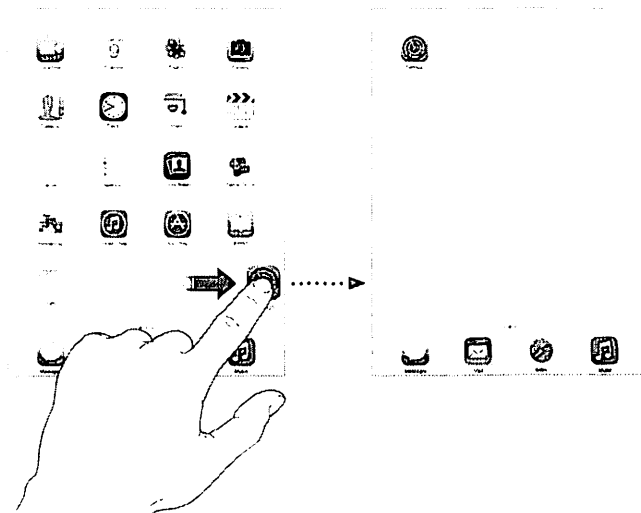
When you're not using using the hotspot, your devices disconnect to save battery life. For more information about ways to set up a Personal Hotspot see Personal Hotspot on page 38.

Note: This feature may not be available with all carriers. Additional fees may apply. Contact your carrier for more information.

Customize iPad

Arrange your apps

Arrange apps. Touch and hold any app on the Home screen until it jiggles, then drag apps around. Drag an app to the edge of the screen to move it to a different Home screen, or to the Dock at the bottom of the screen. Press the Home button to save your arrangement.

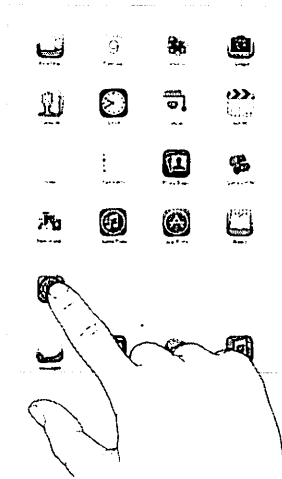


Create a new Home screen. While arranging apps, drag an app to the right edge of the rightmost Home screen. The dots above the Dock show which of your Home screens you're viewing.

When iPad is connected to your computer, you can customize the Home screen using iTunes. In iTunes, select iPad, then click Apps.

Start over. Go to Settings > General > Reset, then tap Reset Home Screen Layout to return the Home screen and apps to their original layout. Folders are removed and the original wallpaper is restored.

Organize with folders



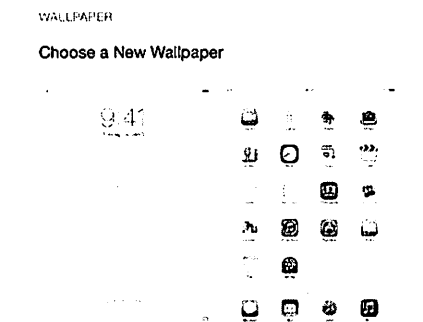
Create a folder. While arranging apps, drag one app onto another. Tap the name of the folder to rename it. Drag apps to add or remove them. Press the Home button when you finish.

You can have multiple pages of apps in a folder.

Delete a folder. Drag out all the apps—the folder is deleted automatically.

Change the wallpaper

Wallpaper settings let you set an image or photo as wallpaper for the Lock screen or Home screen. You can choose from dynamic and still images.



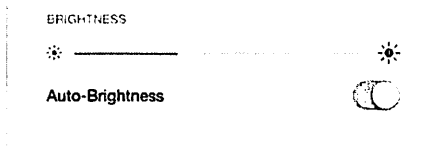
Change the wallpaper. Go to Settings > Wallpaper > Choose a New Wallpaper.

When choosing an image for new wallpaper, the Perspective Zoom button determines whether your selected wallpaper is zoomed. For wallpaper you already set, go to the Wallpaper setting, then tap the image of the Lock screen or Home screen to see the Perspective Zoom button.

Note: The Perspective Zoom button doesn't appear if Reduce Motion (in Accessibility settings) is turned on. See Reduce screen motion on page 136.

Adjust the screen brightness

Dim the screen to extend battery life, or use Auto-Brightness.

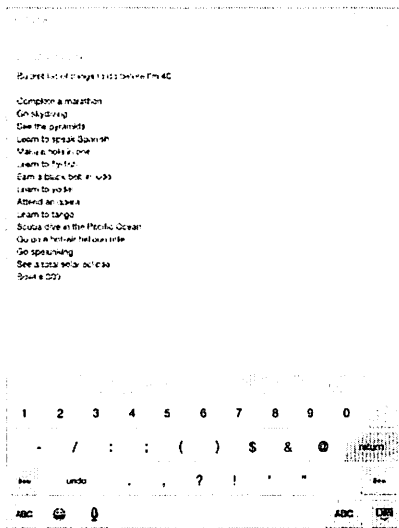


Adjust the screen brightness. Go to Settings > Display & Brightness, then drag the slider. If Auto-Brightness is on, iPad adjusts the screen brightness for current light conditions using the built-in ambient light sensor. You can also adjust the brightness in Control Center.




Type text

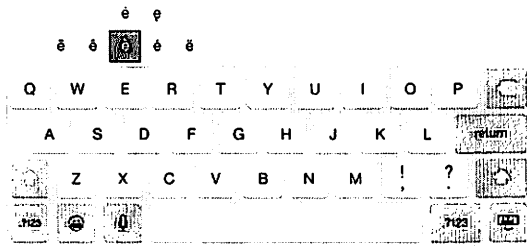
The onscreen keyboard lets you enter text when needed.

Enter text



Tap a text field to see the onscreen keyboard, then tap letters to type. If you touch the wrong key, you can slide your finger to the correct key. The letter isn't entered until you release your finger from the key.

Tap Shift to type uppercase, or touch the Shift key and slide to a letter. Double-tap Shift for caps lock. To enter numbers, punctuation, or symbols, tap the Number key 123 or the Symbol key #+=. If you haven't added any keyboards, tap  to switch to the emoji keyboard. If you have several keyboards, tap  to switch to the last one you used. Continue tapping to access other enabled keyboards, or touch and hold , then slide to choose a different keyboard. To quickly end a sentence with a period and a space, just double-tap the space bar.

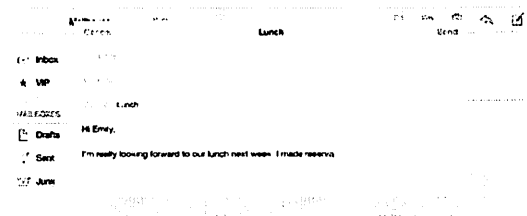


Enter accented letters or other alternate characters. Touch and hold a key, then slide to choose one of the options.

Hide the onscreen keyboard. Tap the Keyboard key .

If you see a word underlined in red, tap it to see suggested corrections. If the word you want doesn't appear, type the correction.

As you write, the keyboard predicts your next word (not available in all languages). Tap a word to choose it, or accept a highlighted prediction by entering a space or punctuation. When you tap a suggested word, a space appears after the word. If you enter a comma, period, or other punctuation, the space is deleted. Reject a suggestion by tapping your original word (shown as the predictive text option with quotation marks).



Hide predictive text. Pull down the suggested words. Drag the bar up when you want to see the suggestions again.

Turn off predictive text. Touch and hold  or , then slide to Predictive.

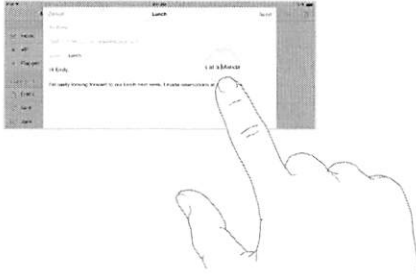
If you turn off predictive text, iPad may still try to suggest corrections for misspelled words. Accept a correction by entering a space or punctuation, or by tapping return. To reject a correction, tap the "x." If you reject the same suggestion a few times, iPad stops suggesting it.

Set options for typing or add keyboards. Go to Settings > General > Keyboard.

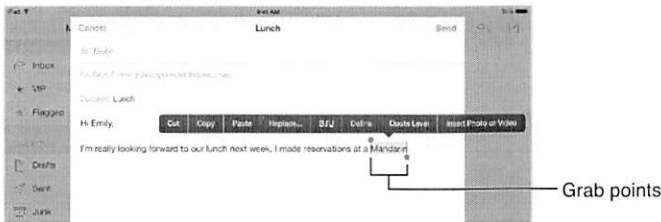
You can also use an Apple Wireless Keyboard to enter text. See Use an Apple Wireless Keyboard on page 29. To dictate instead of typing, see Dictate on page 30.

Edit text

Revise text. Touch and hold the text to show the magnifying glass, then drag to position the insertion point.



Select text. Tap the insertion point to display the selection options. Or double-tap a word to select it. Drag the grab points to select more or less text. In read-only documents, such as webpages, touch and hold to select a word.



You can cut, copy, or paste over selected text. With some apps, you can also get bold, italic, or underlined text (tap B/I/U); get the definition of a word; or have iPad suggest an alternative. You may need to tap ► to see all the options.

Undo the last edit. Shake iPad, then tap Undo.

Justify text. Select the text, then tap the left or right arrow (not always available).

Save keystrokes



A shortcut lets you enter a word or phrase by typing just a few characters. For example, type "omw" to enter "On my way!" That one's already set up for you, but you can also add your own.

Create a shortcut. Go to Settings > General > Keyboard, then tap Shortcuts.

Have a word or phrase you use and don't want it corrected? Create a shortcut, but leave the Shortcut field blank.

Use iCloud to keep your personal dictionary up to date on your other devices. Go to Settings > iCloud, then turn on iCloud Drive or Documents & Data.


Use an Apple Wireless Keyboard

You can use an Apple Wireless Keyboard (available separately) to enter text on your iPad. The keyboard connects via Bluetooth, so you must first pair it with iPad.

Note: The Apple Wireless Keyboard may not support keyboard features that are on your device. For example, it doesn't anticipate your next word or automatically correct misspelled words.

Pair an Apple Wireless Keyboard with iPad. Turn on the keyboard, go to Settings > Bluetooth and turn on Bluetooth, then tap the keyboard when it appears in the Devices list.

Once it's paired, the keyboard reconnects to iPad whenever it's in range—up to about 33 feet (10 meters). When it's connected, the onscreen keyboard doesn't appear.

Save your batteries. Turn off Bluetooth and the wireless keyboard when not in use. You can turn off Bluetooth  in Control Center. To turn off the keyboard, hold down the On/off switch until the green light goes off.

Unpair a wireless keyboard. Go to Settings > Bluetooth, tap  next to the keyboard name, then tap "Forget this Device."




See Bluetooth devices on page 39.

Add or change keyboards

You can turn typing features, such as spell checking, on or off; add keyboards for writing in different languages; and change the layout of your onscreen keyboard or Apple Wireless Keyboard.

Set typing features. Go to Settings > General > Keyboard.

Add a keyboard for another language. Go to Settings > General > Keyboard > Keyboards > Add New Keyboard.

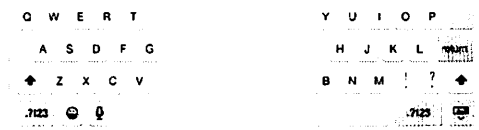
Switch keyboards. If you haven't added any keyboards, tap  to switch to the emoji keyboard. If you have several keyboards, tap  to switch to the last one you used. Continue tapping to access other enabled keyboards, or touch and hold , then slide to choose a different keyboard.

For information about international keyboards, see Use international keyboards on page 147.

Change the keyboard layout. Go to Settings > General > Keyboard > Keyboards, select a keyboard, then choose a layout.

Keyboard layouts

On iPad, you can type with a split keyboard that's at the bottom of the screen, or undocked and in the middle of the screen.



Adjust the keyboard. Touch and hold , then:


- *Use a split keyboard:* Slide your finger to Split, then release. Or spread the keyboard apart from the middle.
- *Move the keyboard to the middle of the screen:* Slide your finger to Undock, then release.
- *Return to a full keyboard:* Slide your finger to Dock and Merge, then release.
- *Return a full keyboard to the bottom of the screen:* Slide your finger to Dock, then release.

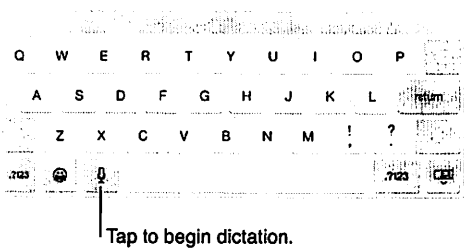
Turn Split Keyboard on or off. Go to Settings > General > Keyboard > Split Keyboard.


Dictate

If you like, you can dictate instead of typing. Make sure Enable Dictation is turned on (in Settings > General > Keyboard) and iPad is connected to the Internet.

Note: Dictation may not be available in all languages or in all areas, and features may vary. Cellular data charges may apply. See Cellular settings on page 157.

Dictate text. Tap  on the iPad keyboard, then speak. When you finish, tap Done.



Add text. Tap  again and continue dictating. To insert text, tap to place the insertion point first. You can also replace selected text by dictating.

Add punctuation or format text. Say the punctuation or format. For example, "Dear Mary comma the check is in the mail exclamation mark" becomes "Dear Mary, the check is in the mail!" Punctuation and formatting commands include:

- quote ... end quote
- new paragraph
- new line
- cap—to capitalize the next word
- caps on ... caps off—to capitalize the first character of each word
- all caps—to make the next word all uppercase
- all caps on ... all caps off—to make the enclosed words all uppercase
- no caps on ... no caps off—to make the enclosed words all lowercase
- no space on ... no space off—to run a series of words together
- smiley—to insert :-)
- frowny—to insert :-(
- winky—to insert ;-)

Search

Search apps

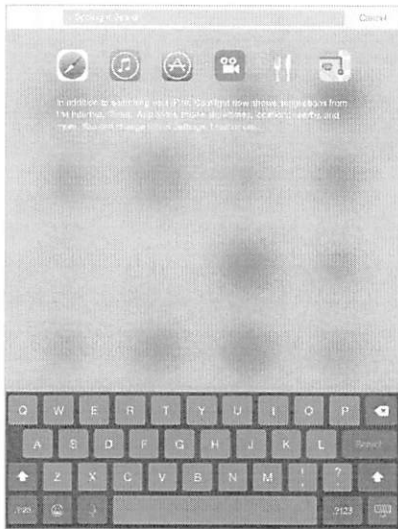
Many apps include a search field where you can type to find something within the app. For example, in the Maps app, you can search for a specific location.


Spotlight Search

Spotlight Search not only searches your iPad, but also shows suggestions from the App Store and the Internet. You may see suggestions for movie showtimes, nearby locations, and more.

Search iPad. Drag down the middle of any Home screen to reveal the search field. Results occur as you type; to hide the keyboard and see more results on the screen, tap Search. Tap an item in the list to open it.

You can use Spotlight Search to find and open apps too.



Choose which apps and content are searched. Go to Settings > General > Spotlight Search, then tap to deselect apps or content. To change the search order, touch and drag  to a new position.

Limit Spotlight Search to your iPad. Go to Settings > General > Spotlight Search, then tap Spotlight Suggestions to deselect it.

Turn off Location Services for Spotlight Suggestions. Go to Settings > Privacy > Location Services. Tap System Services, then turn off Spotlight Suggestions.

Control Center



Control Center gives you instant access to the camera, calculator, AirPlay, and other handy features. You can also adjust the brightness, lock the screen in portrait orientation, turn wireless services on or off, and turn on AirDrop. For more information about AirDrop, see [AirDrop](#) on page 35.

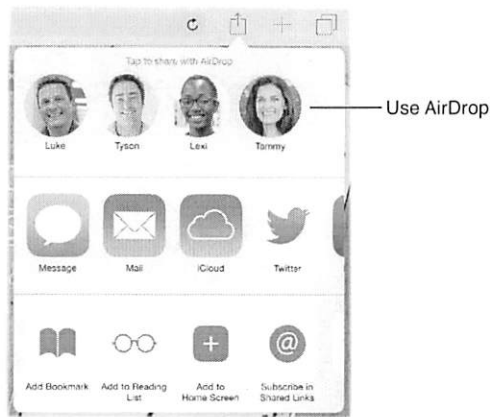
Open Control Center. Swipe up from the bottom edge of any screen (even the Lock screen).

Open the currently playing audio app. Tap the song title.


Close Control Center. Swipe down, tap the top of the screen, or press the Home button.

Turn off access to Control Center in apps or on the Lock screen. Go to Settings > Control Center.

AirDrop



AirDrop lets you share your photos, videos, websites, locations, and other items wirelessly with other nearby devices (iOS 7 or later). With iOS 8, you can share with Mac computers that have OS X Yosemite installed. AirDrop transfers information using Wi-Fi and Bluetooth. To use AirDrop, you need to be signed into iCloud using your Apple ID, and must be on the same Wi-Fi network, or within approximately 33 feet (10 meters) of the other device. Transfers are encrypted for security.

Share an item using AirDrop. Tap Share , tap AirDrop, then tap the name of a nearby AirDrop user. AirDrop is also available in Control Center—just swipe up from the bottom edge of the screen.

Receive AirDrop items from others. Swipe up from the bottom edge of the screen to open Control Center. Tap AirDrop, then choose to receive items from Contacts only or from Everyone. You can accept or decline each request as it arrives.

Family Sharing

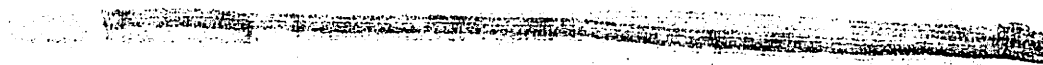
With Family Sharing, up to six family members can share their iTunes Store, App Store, and iBooks Store purchases, a family calendar, and family photos, all without sharing accounts.

One adult in your household—the family organizer—invites family members to join the family group and agrees to pay for any iTunes Store, App Store, and iBooks Store purchases those family members initiate while part of the family group. Once set up, family members get immediate access to each other's music, movies, TV shows, books, and eligible apps. In addition, family members can easily share photos in a shared family album, add events to a family calendar, share their location with other family members, and even help locate another family member's missing device.

Children under 13 can participate in Family Sharing, too. As a parent or legal guardian, the family organizer can provide parental consent for a child to have his or her own Apple ID, and create it on the child's behalf. Once the account is created, it's added to the family group automatically.

Family Sharing requires you to sign in to iCloud with your Apple ID. You will also be asked to confirm the Apple ID you use for the iTunes Store, App Store, and iBooks Store. It is available on devices with iOS 8, Mac computers with OS X Yosemite, and PCs with iCloud for Windows 4.0. You can be part of only one family group at a time.

Set up Family Sharing. Go to Settings > iCloud > Set Up Family Sharing. Follow the onscreen instructions to set up Family Sharing as the family organizer, then invite family members to join.



Personal Hotspot


Use Personal Hotspot to share your iPad (Wi-Fi + Cellular models) Internet connection. Computers can share your Internet connection using Wi-Fi, Bluetooth, or a USB cable. Other iOS devices can share the connection using Wi-Fi. Personal Hotspot works only if iPad is connected to the Internet over the cellular data network.

Note: This feature may not be available with all carriers. Additional fees may apply. Contact your carrier for more information.

Share an Internet connection. Go to Settings > Cellular Data, then tap Personal Hotspot—if it appears—to set up the service with your carrier.

After you turn on Personal Hotspot, other devices can connect in the following ways:


- **Wi-Fi:** On the device, choose your iPad in the list of available Wi-Fi networks.
- **USB:** Connect your iPad to your computer using the cable that came with it. In your computer's Network preferences, choose iPad, then configure the network settings.
- **Bluetooth:** On iPad, go to Settings > Bluetooth, then turn on Bluetooth. To pair and connect iPad with your device, refer to the documentation that came with your device.


Note: When a device is connected, a blue band appears at the top of the iPad screen. The Personal Hotspot icon  appears in the status bar of iOS devices using Personal Hotspot.


Change the Wi-Fi password for iPad. Go to Settings > Personal Hotspot > Wi-Fi Password, then enter a password of at least eight characters.

Monitor your cellular data network usage. Go to Settings > Cellular. See [Cellular settings](#), on page 157.


AirPlay

Use AirPlay to stream music, photos, and video wirelessly to Apple TV and other AirPlay-enabled devices. If you don't see your AirPlay-enabled devices when you tap , you may also need to make sure everything is on the same Wi-Fi network.

Display the AirPlay controls. Swipe up from the bottom edge of the screen to open Control Center, then tap .

Stream content. Tap , then choose the device you want to stream to.

Switch back to iPad. Tap , then choose iPad.

Mirror the iPad screen on a TV. Tap , choose an Apple TV, then tap Mirroring. A blue bar appears at the top of the iPad screen when AirPlay mirroring is turned on.

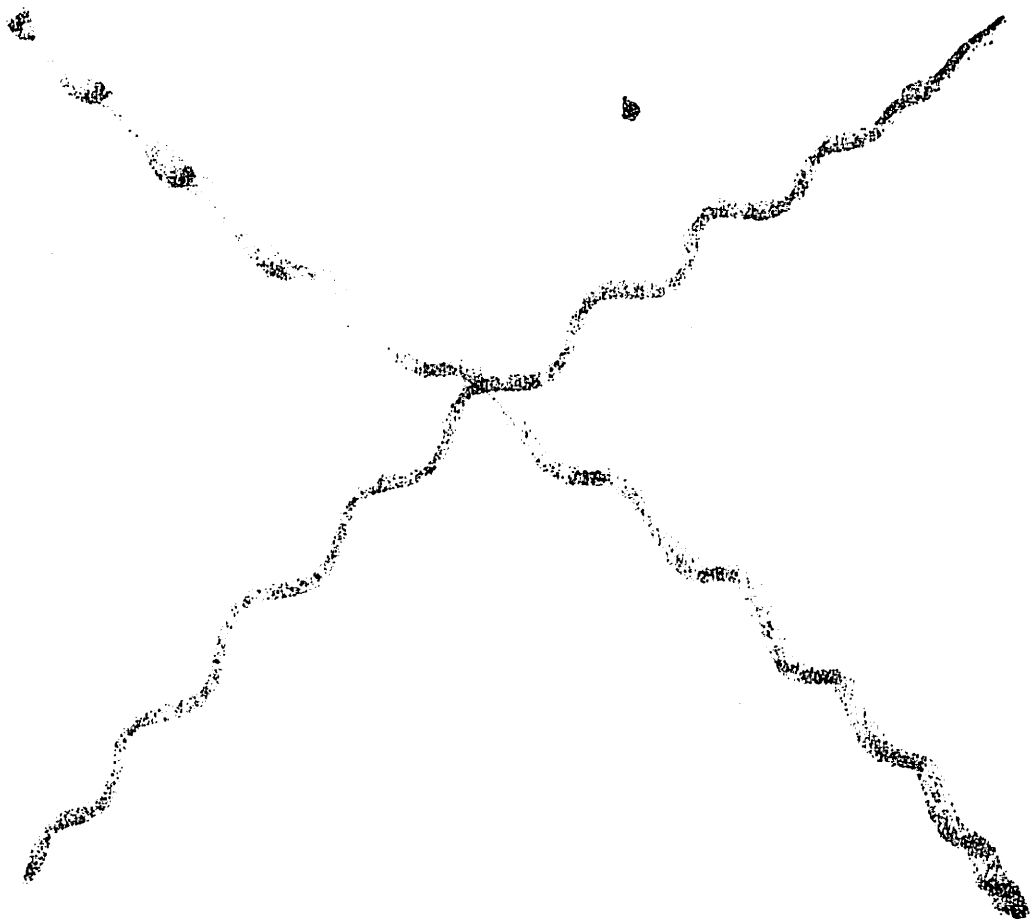
You can also connect iPad to a TV, projector, or other external display using the appropriate Apple cable or adapter. See support.apple.com/kb/HT4108.

AirPrint

Use AirPrint to print wirelessly to an AirPrint-enabled printer from apps such as Mail, Photos, and Safari. Many apps available on the App Store also support AirPrint.

iPad and the printer must be on the same Wi-Fi network. For more information about AirPrint, see support.apple.com/kb/HT4356.

Print a document. Tap  or  (depending on the app you're using).



See the status of a print job. Double-click the Home button, then tap Print Center. The badge on the icon shows how many documents are in the queue.

Cancel a job. Select it in the Print Center, then tap Cancel Printing.

Apple Pay

On iPad models with Touch ID, you can use Apple Pay to make payments in supporting apps. These apps sell physical goods and services such as apparel, electronics, health and beauty products, tickets, reservations, and more.

Set up Apple Pay. Go to Settings > Passbook & Apple Pay, then enter information for up to eight supported credit or debit cards, your shipping and billing details, and your contact information. When you add a card to use with Apple Pay, the card issuer determines if your card is eligible to be added and may ask you to provide additional information to complete the verification process.

Note: Many U.S. credit and debit cards can be used with Apple Pay. For information about Apple Pay availability and current card issuers, go to support.apple.com/kb/HT6288.

Pay in an app. Tap the Apple Pay button, then review the information that appears (for example, the card you're using for the payment, your email, and the shipping method). Make any changes before using Touch ID or your passcode to complete the payment.

You may receive a notification with the merchant name, and the amount authorized for the purchase. Your zip code may be provided to the merchant to calculate tax and shipping costs. Payment information—such as billing and shipping addresses, email address, and phone number—may also be provided to the merchant once you authorize the payment with Touch ID or a passcode.

View Apple Pay activity. Your Apple Pay activity will appear on the statement you receive from your card issuer. You may also be able to view Apple Pay activity on supported credit cards by going to Settings > Passbook & Apple Pay.

Suspend and remove cards. You have several options for removing or suspending credit and debit cards. To remove a credit or debit card from Apple Pay, go to Settings > Passbook & Apple Pay, tap an existing credit or debit card, then scroll to the bottom and tap Remove. If your iPad is lost or stolen, and you have enabled Find My iPad, you can use it to help you locate and secure your iPad—including suspending the use of, or removing, your credit and debit cards used for Apple Pay. See *Find My iPad* on page 43. You can log in to your account at iCloud.com and remove your cards in Settings > My Devices. You can also call the issuers of your cards.

Bluetooth devices

You can use Bluetooth devices with iPad, such as stereo headphones or an Apple Wireless Keyboard. For supported Bluetooth profiles, go to support.apple.com/kb/HT3647.

WARNING: For important information about avoiding hearing loss and avoiding distractions that could lead to dangerous situations, see *Important safety information* on page 150.


Note: The use of certain accessories with iPad may affect wireless performance. Not all iPhone and iPod touch accessories are fully compatible with iPad. Turning on airplane mode may eliminate audio interference between iPad and an accessory. Reorienting or relocating iPad and the connected accessory may improve wireless performance.




Turn on Bluetooth. Go to Settings > Bluetooth.

Connect to a Bluetooth device. Tap the device in the Devices list, then follow the onscreen instructions to connect to it. See the documentation that came with the device for information about Bluetooth pairing. For information about using an Apple Wireless Keyboard, see Use an Apple Wireless Keyboard on page 29.

iPad must be within about 33 feet (10 meters) of the Bluetooth device.

Return audio output to iPad. Turn off or unpair the device, turn off Bluetooth in Settings > Bluetooth, or use AirPlay  to switch audio output to iPad. See AirPlay on page 38. Audio output returns to iPad if the Bluetooth device moves out of range.

Unpair a device. Go to Settings > Bluetooth, tap  next to the device, then tap “Forget this Device.” If you don’t see the Devices list, make sure Bluetooth is on.

Restrictions


You can set restrictions for some apps, and for purchased content. For example, parents can restrict explicit music from appearing in playlists, or disallow changes to certain settings. Use restrictions to prevent the use of certain apps, the installation of new apps, or changes to accounts or the volume limit.

Turn on restrictions. Go to Settings > General > Restrictions, then tap Enable Restrictions. You’ll be asked to define a restrictions passcode that’s necessary in order to change the settings you make. This can be different than the passcode for unlocking iPad.


Important: If you forget your restrictions passcode, you must restore the iPad software. See Restore iPad on page 157.

Privacy

Privacy settings let you see and control which apps and system services have access to Location Services, and to contacts, calendars, reminders, and photos.

Location Services lets location-based apps such as Maps, Weather, and Camera gather and use data indicating your location. Your approximate location is determined using available information from local Wi-Fi networks, if you have Wi-Fi turned on. The location data collected by Apple isn’t collected in a form that personally identifies you. When an app is using Location Services,  appears in the status bar.

Turn Location Services on or off. Go to Settings > Privacy > Location Services. You can turn it off for some or for all apps and services. If you turn off Location Services, you’re prompted to turn it on again the next time an app or service tries to use it.

Turn Location Services off for system services. Several system services, such as location-based ads, use Location Services. To see their status, turn them on or off, or show  in the status bar when these services use your location, go to Settings > Privacy > Location Services > System Services.

Turn off access to private information. Go to Settings > Privacy. You can see which apps and features have requested and been granted access to the following information:

- Contacts
- Calendar
- Reminders

- Photos
- Bluetooth Sharing
- Microphone
- Camera
- HomeKit
- Motion Activity
- Twitter
- Facebook

You can turn off each app's access to each category of information. Review the terms and privacy policy for each third-party app to understand how it uses the data it's requesting. For more information, see support.apple.com/kb/HT6338.

Security

Security features help protect the information on your iPad from being accessed by others.

Use a passcode with data protection

For better security, you can set a passcode that must be entered each time you turn on or wake up iPad.

Set a passcode. Go to Settings > Touch ID & Passcode (iPad models with Touch ID) or Settings > Passcode (other models), then set a 4-digit passcode.

Setting a passcode turns on data protection, using your passcode as a key to encrypt Mail messages and attachments stored on iPad, using 256-bit AES encryption. (Other apps may also use data protection.)

Increase security. Turn off Simple Passcode and use a longer passcode. To enter a passcode that's a combination of numbers and letters, you use the keyboard. If you prefer to unlock iPad using the numeric keypad, set up a longer passcode using numbers only.

Add fingerprints and set options for the Touch ID sensor. (iPad models with Touch ID) Go to Settings > Touch ID & Passcode. See Touch ID, below.

Allow access to features when iPad is locked. Go to Settings > Touch ID & Passcode (iPad models with Touch ID) or Settings > Passcode (other models). Optional features include:

- Today (see Notification Center on page 33)
- Notifications View (see Notification Center on page 33)
- Siri (if enabled, see Siri settings on page 47)

Allow access to Control Center when iPad is locked. Go to Settings > Control Center. See Control Center on page 32.

Erase data after ten failed passcode attempts. Go to Settings > Touch ID & Passcode (iPad models with Touch ID) or Settings > Passcode (other models), then tap Erase Data. After ten failed passcode attempts, all settings are reset, and all your information and media are erased by removing the encryption key to the data.

If you forget your passcode, you must restore the iPad software. See Restore iPad on page 157.

Touch ID

On iPad models with Touch ID, you can use a fingerprint instead of:

- Entering your passcode to unlock iPad
- Using your Apple ID password to make purchases in the iTunes Store, App Store, or iBooks Store
- Providing debit and credit card info, billing and shipping addresses, and contact info when paying in an app that offers Apple Pay as a method of payment

Set up the Touch ID sensor. Go to Settings > Touch ID & Passcode. Set whether you want to use a fingerprint to unlock iPad, and to make purchases. Tap Add a Fingerprint, then follow the onscreen instructions. You can add more than one fingerprint (your thumb and forefinger, for example, or one for your spouse).

Note: If you turn iPad off after setting up the Touch ID sensor, you'll be asked to confirm your passcode when you turn iPad back on and unlock it the first time. You'll also be asked for your Apple ID password for the first purchase you make in the iTunes Store, App Store, or iBooks Store.

Delete a fingerprint. Tap the fingerprint, then tap Delete Fingerprint. If you have more than one fingerprint, touch the Home button to find out which fingerprint it is.

Name a fingerprint. Tap the fingerprint, then enter a name, such as "Thumb."

Use the Touch ID sensor to unlock iPad. Touch the Home button with a finger you've added in Settings. You can unlock iPad from either the Lock screen or the Passcode screen.

Use the Touch ID sensor to make a payment in the iTunes Store, App Store, or iBooks Store. When purchasing from the iTunes Store, App Store, or iBooks Store, follow the prompts to enable purchases with your fingerprint. Or go to Settings > Touch ID & Passcode, then turn on iTunes & App Store.

Use Touch ID to make a payment in an app that supports Apple Pay. Go to Settings > Touch ID & Passcode to ensure that Apple Pay is enabled with your Touch ID. For more information, see Apple Pay on page 39.

iCloud Keychain

iCloud Keychain keeps your Safari website user names and passwords, credit card information, and Wi-Fi network information up to date. iCloud Keychain works on all your approved devices (iOS 7 or later) and Mac computers (OS X Mavericks or later).

iCloud Keychain works with Safari Password Generator and AutoFill. When you're setting up a new account, Safari Password Generator suggests unique, hard-to-guess passwords. You can use AutoFill to have iPad enter your user name and password info, making login easy. See Fill in forms on page 61.

Note: Some websites do not support AutoFill.

iCloud Keychain is secured with 256-bit AES encryption during storage and transmission, and cannot be read by Apple.

Set up iCloud Keychain. Go to Settings > iCloud > Keychain. Turn on iCloud Keychain, then follow the onscreen instructions. If you've set up iCloud Keychain on other devices, you need to approve use of iCloud Keychain from one of those devices, or use your iCloud Security Code.

Important: Your iCloud Security Code cannot be retrieved by Apple. If you forget your security code, you'll have to start over and set up your iCloud Keychain again.

Set up AutoFill. Go to Settings > Safari > Passwords & AutoFill. Make sure Names and Passwords, and Credit Cards, are turned on (they're on by default). To add credit card info, tap Saved Credit Cards.

The security code for your credit card is not saved—you have to enter that manually.

To automatically fill in names, passwords, or credit card info on sites that support it, tap a text field, then tap AutoFill.

To protect your personal information, set a passcode if you turn on iCloud Keychain and AutoFill.

Limit Ad Tracking

Restrict or reset Ad Tracking. Go to Settings > Privacy > Advertising. Turn on Limit Ad Tracking to prevent apps from accessing your iPad advertising identifier. For more information, tap About Advertising & Privacy.

Find My iPad

Find My iPad can help you locate and secure your iPad using the free Find My iPhone app (available in the App Store) on another iPad, iPhone, or iPod touch, or using a Mac or PC web browser signed into www.icloud.com/find. Find My iPhone includes Activation Lock, which is designed to prevent anyone else from using your iPad if you ever lose it. Your Apple ID and password are required to turn off Find My iPad or to erase and reactivate your iPad.

Turn on Find My iPad. Go to Settings > iCloud > Find My iPad.

Important: To use these features, Find My iPad must be turned on *before* your iPad is lost. iPad must be able to connect to the Internet for you to locate and secure the device.

Use Find My iPhone. Open the Find My iPhone app on an iOS device, or go to www.icloud.com/find on your computer. Sign in, then select your device.

- *Play Sound:* Play a sound at full volume for two minutes, even if the ringer is set to silent.
- *Lost Mode:* Immediately lock your missing iPad with a passcode and send it a message displaying a contact number. iPad tracks and reports its location, so you can see where it's been when you check the Find My iPhone app. Lost Mode also suspends the use of your credit and debit cards used for Apple Pay (iPad models with Touch ID). See Apple Pay on page 39.
- *Erase iPad:* Protect your privacy by erasing all the information and media on your iPad and restoring it to its original factory settings. Erase iPad also removes your credit and debit cards used for Apple Pay (iPad models with Touch ID). See Apple Pay on page 39.

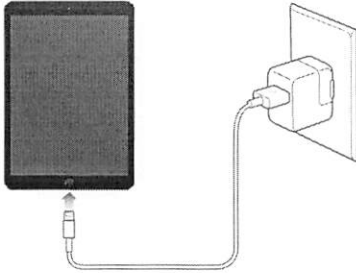
Note: Before selling or giving away your iPad, you should erase it completely to remove all of your personal data and turn off Find My iPad to ensure the next owner can activate and use the device normally. Go to Settings > General > Reset > Erase All Content and Settings. See Sell or give away iPad on page 159.

Charge and monitor the battery

iPad has an internal, lithium-ion rechargeable battery. For more information about the battery—including tips for maximizing battery life—see www.apple.com/batteries.

WARNING: For important safety information about the battery and charging iPad, see Important safety information on page 150.

Charge the battery. The best way to charge the iPad battery is to connect iPad to a power outlet using the included cable and USB power adapter.



iPad may also charge slowly when you connect it to a USB 2.0 port on your computer. If your Mac or PC doesn't provide enough power to charge iPad, a "Not Charging" message appears in the status bar.

Important: The iPad battery may drain instead of charge if iPad is connected to a computer that's turned off or is in sleep or standby mode, to a USB hub, or to the USB port on a keyboard.

See proportion of battery used by each app. Go to Settings > General > Usage, then tap Battery Usage.

The battery icon in the upper-right corner of the status bar shows the battery level or charging status.





Display the percentage of battery charge. Go to Settings > General > Usage, then turn on Battery Percentage.

Important: If iPad is very low on power, it may display an image of a nearly depleted battery, indicating that iPad needs to charge for up to twenty minutes before you can use it. If iPad is extremely low on power, the display may be blank for up to two minutes before the low-battery image appears.

Rechargeable batteries have a limited number of charge cycles and may eventually need to be replaced. The iPad battery isn't user replaceable; it can be replaced only by an authorized service provider. See www.apple.com/batteries/replacement-and-recycling.

Travel with iPad

Your airline carrier may let you keep your iPad turned on if you switch to Airplane Mode—listen for an announcement after boarding, or ask a member of the crew. Wi-Fi and Bluetooth are turned off in Airplane Mode, so you can't make or receive FaceTime calls or use features that require wireless communication. You can listen to music, play games, watch videos, or use other apps that don't require Internet access. If your airline allows it, you can turn Wi-Fi or Bluetooth back on, even while in Airplane Mode.

Turn on Airplane Mode. Swipe up from the bottom edge of the screen to open Control Center, then tap . You can also turn Airplane Mode on or off in Settings. When airplane mode is on,  appears in the status bar at the top of the screen.

You can also turn Wi-Fi and Bluetooth on or off in Control Center. See *Control Center* on page 32.

When you travel abroad, you may be able to sign up for cellular service with a carrier in the country you're visiting, right from your iPad (available on iPad models with cellular and Touch ID). For more information see *Sign up for cellular service* on page 14.