



MacBook Essentials

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Welcome

1

Say hello to MacBook

MacBook is the ultimate in portability—it's made to take with you wherever you go.



Take a look around. Want a quick tour of the features of your MacBook? Go to Chapter 2, [MacBook at a glance](#).

Get started. Press the power button and you're up and running. For tips on setting up, see Chapter 3, [Get started](#).

See what you can do. Print and share files, play music, and more. Find out how easy it is in Chapter 4, [MacBook basics](#).

...And of course, have fun. MacBook is loaded with apps—go to Chapter 5, [Apps](#), to get inspired.

MacBook at a glance

2

Take a tour

Your MacBook has the following features built in:



- *USB Type-C port:* Charge the battery, transfer data, connect an HDMI or VGA display, and more.



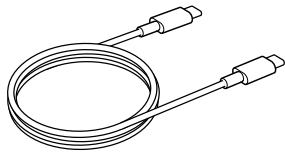
- *Headphone port:* Connect speakers and headphones.
- *Dual microphones:* Talk with friends and record audio.



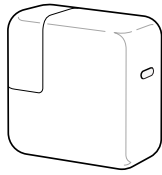
- *FaceTime camera:* Make FaceTime video calls and take pictures and video. If the light is glowing, the camera is on.
- *Power button:* Turn your MacBook on or off, and put it to sleep.
- *Force Touch trackpad:* Control your MacBook with gestures. The entire trackpad surface acts as a button so you can easily click anywhere. For more on using gestures, see [Trackpad](#).

What's included

To use your MacBook, you need these two simple accessories, included in the box:



USB Type-C Charge Cable (2m): Connect one end to your MacBook and the other end to the USB Type-C Power Adapter.



29W USB Type-C Power Adapter: Plug in to AC power to charge your MacBook.

For other accessories you can use, see [Accessories](#).

Trackpad

You can do a lot on your MacBook using simple trackpad gestures—scroll through webpages, zoom in on documents, rotate photos, and more. And now with the Force Touch trackpad, pressure-sensing capabilities add an entirely new level of interactivity.

The trackpad senses how hard you press, giving you more options and greater control with every touch. It also provides feedback—when you drag or rotate objects, you feel a subtle vibration when they're aligned, allowing you to work with greater precision.

Here are some popular gestures:



Click: Press anywhere on the trackpad to click. Or enable “Tap to click” in Trackpad preferences, and simply tap.



Force click: Press firmly anywhere on the trackpad until you feel a deeper click. For example, you can force click a word to see its definition, or force click an address to see a preview in Maps.



Secondary click (right click): Click with two fingers to open shortcut menus. (If “Tap to click” is enabled, tap with two fingers.)



Two-finger scroll: Slide two fingers up and down to scroll.



Pinch to zoom: Pinch your thumb and finger open or closed to zoom in or out. For example, zoom in and out of photos and webpages.



Swipe to navigate: Swipe left or right with two fingers to flip through webpages, documents, and more—like turning a page in a book.



Open Launchpad: Quickly open apps in Launchpad. Pinch closed with four or five fingers, then click an app to open it.



Swipe between apps: To switch from one full-screen app to another, swipe left or right with three or four fingers.















Customize your gestures. Choose Apple menu () > System Preferences, or click the System Preferences icon in the Dock, then click Trackpad.



Learn more about each gesture, set the pressure you prefer to use, select whether to use pressure-sensing features, and customize other trackpad features in Trackpad preferences.

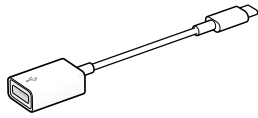
Keyboard



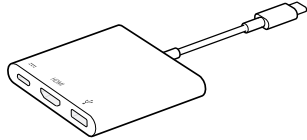
- *Function (fn) key:* Hold this key while you press a function key (F1 to F12) to make the key do its assigned action. To learn how to customize function keys, click the Help menu in the menu bar, then search for “function keys” in Mac Help.
- *Brightness keys (F1, F2):* Press  or  to increase or decrease the brightness of the screen.
- *Mission Control key (F3):* Press  to view what’s running on your MacBook, including all your spaces and all open windows.
- *Launchpad key (F4):* Press  to instantly see all the apps on your MacBook. Click an app to open it.
- *Keyboard illumination keys (F5, F6):* Press  or  to increase or decrease the brightness of the keyboard.
- *Media keys (F7, F8, F9):* Press  to rewind,  to play or pause, or  to fast-forward a song, movie, or slideshow.
- *Mute key (F10):* Press  to mute the sound coming from the built-in speakers and headphone port.
- *Volume keys (F11, F12):* Press  or  to increase or decrease the volume of sound coming from the built-in speakers or headphone port.
- *Power button:* Press and hold  for 3 seconds to turn your MacBook on or off. Press  to put MacBook to sleep.

Accessories

The following accessories are available to connect your MacBook to power and use it with other devices and displays. Use the USB port on these adapters to connect to standard USB accessories, including cameras and thumb drives. Connect a USB cable to sync and charge your iPhone, iPad, and iPod.

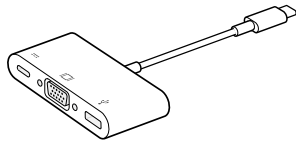


USB Type-C to USB Adapter: Connect your MacBook to standard USB accessories.



USB Type-C Digital AV Multiport Adapter: Connect your MacBook to an HDMI display, while also connecting a standard USB device and connecting a charging cable to charge your MacBook.

You can also mirror your MacBook display on an HDMI TV or display in up to 1080p HD.



USB Type-C VGA Multiport Adapter: Connect your MacBook to a VGA display, while also connecting a standard USB device and connecting a charging cable to charge your MacBook.

You can also mirror your MacBook display on an HDMI TV or display in up to 1080p HD.

To learn more about mirroring your MacBook display, see [Use an external display](#).

Adapters and other accessories are sold separately at store.apple.com or your local Apple Retail Store. Some USB accessories are not supported. Review the documentation or check with the manufacturer to make sure you're choosing the right adapter.

Get started


3



Set up

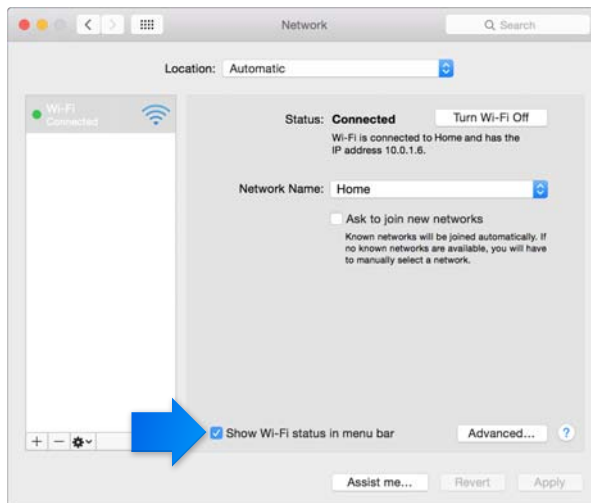
The first time you turn on MacBook, the Setup Assistant walks you through the simple steps needed to use your new Mac.





To get the most out of MacBook, be sure to connect to Wi-Fi and turn on Bluetooth®, get an Apple ID, and sign in to iCloud. You can do these steps quickly and easily with Setup Assistant—but if you want to do them later, here's how:


Connect to Wi-Fi. Click the Wi-Fi icon  in the menu bar, then choose a Wi-Fi network and enter the password, if necessary.

If you don't see the Wi-Fi icon , choose Apple menu () > System Preferences, then click Network. Select Wi-Fi in the list on the left, then select "Show Wi-Fi status in menu bar."



Turn off Wi-Fi. Click the Wi-Fi icon  in the menu bar, then choose Turn Wi-Fi Off.

Turn Bluetooth on or off. Click the Bluetooth icon  in the menu bar, then choose Turn Bluetooth On or Turn Bluetooth Off.

If you don't see the Bluetooth icon , choose Apple menu (🍏) > System Preferences, click Bluetooth, then select "Show Bluetooth in menu bar."

Get an Apple ID. If you don't already have an Apple ID, you can create one in iCloud preferences. Choose Apple menu (🍏) > System Preferences. Click iCloud and click Create Apple ID.



Your Apple ID is the account you use for just about everything you do with Apple, including buying music, movies, and TV shows from the iTunes Store, downloading apps from the App Store, and storing your content in iCloud.

Set up iCloud. If you don't already have an Apple ID, you can create one in iCloud preferences. Choose Apple menu (🍏) > System Preferences. Click iCloud and click Create Apple ID. If you're not already using iCloud, choose Click iCloud and enter your Apple ID.



With iCloud, you can store all your content—documents, movies, music, photos, and more—in the cloud, and access them anywhere you go. To find out more about what you can do with iCloud and MacBook, see [Access all your content, anywhere with iCloud](#).

Find your way around

Start at the desktop. It's home base for your Mac—where you can organize your files, quickly open apps, search for anything on your Mac and beyond, and more.



Finder

Use the Finder to organize and find all your files—including documents, images, movies, and music—or to quickly preview a file.

Open a Finder window. Click the Finder icon in the Dock, at the bottom of the screen.

Dock

The Dock, at the bottom of the screen, is a convenient place to keep the apps and documents you use frequently. You can make the Dock larger or smaller, add or remove items, move it to the left or right side of your screen, or even set it to hide when you're not using it.

Add an item to the Dock. Drag the item and drop it where you want it. Place apps to the left of the line in the Dock, and files or folders to the right.

Remove an item from the Dock. Drag it out of the Dock. The item isn't removed from your Mac—just from the Dock.

Change how the Dock looks. Choose Apple menu () > System Preferences, then click Dock.


System Preferences

Make your MacBook perfect for you. You can use Energy Saver preferences to change sleep settings, Desktop & Screen Saver preferences to add a desktop background or choose a screen saver, and more.




Open System Preferences. Choose Apple menu () > System Preferences, or click the System Preferences icon in the Dock. Then click the preference you want to set.

Spotlight

Find anything on your MacBook—and beyond. Spotlight searches your Mac, as well as Wikipedia, Maps, news, movie showtimes, and more.

Search for anything. Click  at the top-right of the screen, or press Command-Space bar, then start typing.

Menu bar

The menu bar runs along the top of the screen. Use the icons and menus there to connect to a Wi-Fi network, check your Wi-Fi status , change the volume , check your battery charge , and more.

Help

You can find answers to many questions in the Help menu.

Get help. Click the Help menu in the menu bar, then type a question or term in the search field. Choose a topic from the results list, or choose Show All Help Topics to see all results.

To get help using an app, just click the Help menu while you're using the app.

Quickly open apps

Your MacBook comes with apps for all the things you love—browsing the web, checking email, creating documents and presentations, sharing photos, enjoying movies, and more. You can quickly open apps from Spotlight, from the Dock, or with Launchpad.



Open an app. Click the app's icon in the Dock, or click the Launchpad icon in the Dock, then click the app you want. You can also search for the app using Spotlight, then open the app directly from your Spotlight search results.

Organize apps in Launchpad. Drag an app onto another app to create a folder. Drag more apps to the new folder to add them. To remove an app from a folder, just drag it out.

Get more apps. Click the Mac App Store icon in the Dock. When you download apps from the Mac App Store, they appear in Launchpad. To quickly get updates to apps and OS X, click Updates in the Mac App Store.

Charge the battery

The battery in your MacBook recharges whenever MacBook is connected to power.



Charge the battery. Connect MacBook to a power outlet using the included cable and USB Type-C Power Adapter. You'll hear a chime that indicates your battery is charging. The battery recharges more quickly when the computer is off or in sleep.

Check the battery's charge. Look at the battery status icon at the right of the menu bar to see the battery level or charging status. Click the icon to show how much power you have left if you keep using the apps, peripheral devices, and system settings you're now using.



Charging



Charged

Conserve battery power. Reduce display brightness, close apps, and disconnect peripheral devices you're not using to extend battery life on a given charge. You can change your power settings in Energy Saver preferences (click the System Preferences icon in the Dock, then click Energy Saver). If your MacBook is in sleep or standby mode when a device is connected to it, the device's battery may drain.

For more information about the internal, rechargeable battery in your MacBook, and for conservation and performance tips, go to www.apple.com/batteries.

Migrate your data



It's easy to move your files and settings from another Mac or a PC to your MacBook. You can transfer the data when you first set up your MacBook, using Setup Assistant. If you want to transfer later, you can use Migration Assistant to wirelessly copy your files from a Time Machine backup, using an AirPort base station (available separately).

You can transfer over a wireless network as long as both computers are connected to the same network.

Use Migration Assistant. Open a Finder window, then go to Applications > Utilities > Migration Assistant. Follow the onscreen instructions to transfer information using Wi-Fi.

Copy files from a storage device. Connect the device to your MacBook using an adapter, such as the USB Type-C to USB Adapter (see [Accessories](#)). Then manually drag files to your MacBook.

See [Back up and restore](#) for more information about Time Machine backups.

MacBook basics

4

MacBook is built to go everywhere you go. And its built-in features—along with iCloud and OS X Yosemite—make it easy to bring your content everywhere you are, too. You can print, play, share, video chat, and back up your data—and do it all wirelessly. Find out more about how to make the most of your MacBook

Access all your content, anywhere with iCloud



iCloud is the easiest way to make sure all your important content is everywhere you are. iCloud stores your documents, photos, music, apps, contacts, calendars, and more, so you can access them anytime you're connected to Wi-Fi.

iCloud also keeps everything up to date on all your devices. So if you have an iPhone or iPad, just sign in to iCloud using the same account, and you'll have everything you need on any device. (For more about using your MacBook with your iOS devices, see [Use your MacBook and iOS devices together.](#))



Here's some of what you can do with iCloud.

Save your files in iCloud Drive. Store any file in iCloud Drive, then access it anywhere—from work, home, or on the road. To save a file to iCloud Drive, open a Finder window, then drag the file to iCloud Drive in the sidebar. You can organize and tag files in iCloud Drive just like the files on your MacBook. And when you edit a file in iCloud Drive, your edits show up on any device you use with iCloud.

Share purchases with Family Sharing. Let up to six family members share their iTunes Store, App Store, and iBooks Store purchases—even if they all use different iCloud accounts. Pay for family purchases with one credit card, and approve kids’ spending right from your MacBook or iOS device. Plus, share photos, a family calendar, reminders, and locations. To set up Family Sharing, click the System Preferences icon in the Dock, click iCloud, then click Set Up Family.

Share photos using iCloud Photo Sharing. Share photos and video with just the people you choose, and let them add their own photos, video, and comments. To get started, click the System Preferences icon in the Dock, click iCloud, then click Photos.

Enjoy your purchases anywhere. When you’re signed in to iCloud, purchases you’ve made from the iTunes Store, Mac App Store, and iBooks Store are available on your MacBook at any time. So all your music, movies, books, and more are available wherever you go.

Locate your MacBook with Find My Mac. If you misplace your MacBook, easily locate it on a map, lock its screen, or even erase its data remotely. To turn on Find My Mac, click the System Preferences icon in the Dock, click iCloud, then click Find My Mac.

Your iCloud account comes with 5 GB of free storage, and your purchased music, apps, TV shows, and books don’t count against your available space. For more information about what you can do with iCloud, go to Mac Help and search for iCloud, or go to www.apple.com/icloud.

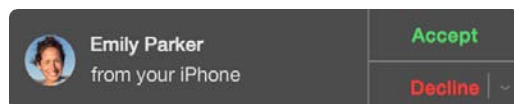
Use your MacBook and iOS devices together

Your MacBook and iOS devices work together seamlessly, expanding the power and portability of your MacBook even more. Just sign in to your iCloud account on your MacBook and your iOS devices, and whenever your MacBook and devices are near each other, you can use them together in amazing ways.



Phone calls

You can take calls—and make them—right from your MacBook.

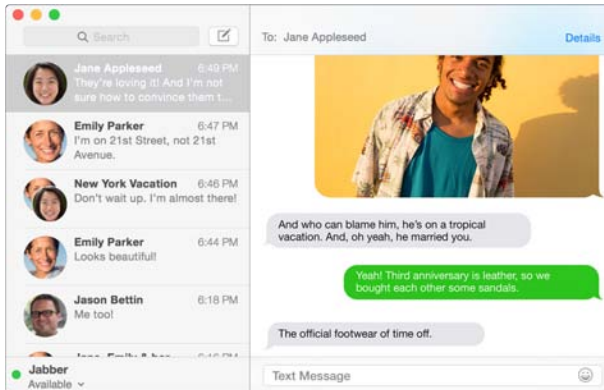


Take a call. When someone calls your iPhone, click the notification that appears on your screen. Your Mac becomes a speakerphone.

Make a call. Click a phone number in FaceTime, Contacts, Safari, Calendar, Spotlight, or another app.


Text messages

Send and receive SMS and MMS text messages right from your MacBook. When friends text you, regardless of what phone they have, you can respond from whichever device is closest. All the messages that appear on your MacBook also appear on your iPhone.



Instant Hotspot

If you're on the go and don't have a Wi-Fi connection, your MacBook can connect to the Internet using the Personal Hotspot on your iPhone (with iOS 8) and iPad (cellular models with iOS 8).

Connect to your device's Personal Hotspot. Click the Wi-Fi status icon  in the menu bar, then choose your iPhone or iPad from the list of devices that appear. (You don't need to turn on anything on your device—MacBook can connect automatically.)

Check the status of your connection. Look in the Wi-Fi menu to see the strength of the cellular signal.

When you're not using Personal Hotspot, your iOS device automatically disconnects to save battery life.

Handoff

With Handoff, you can pick up on one device where you left off on another. Work on a presentation on your MacBook, then continue on your iPad. Or start an email on your iPhone, then finish it on your MacBook. When your MacBook and devices are near each other, an icon appears in the Dock whenever an activity is being handed off; click it to pick up right where you left off.



Make sure Handoff is on on your MacBook. Click the System Preferences icon in the Dock, click General, then select “Allow Handoff between this Mac and your iCloud devices.”

Turn on Handoff on your iOS device. Go to Settings > General > Handoff & Suggested Apps, then tap to turn on Handoff. If you don't see the option, your iOS device doesn't support Handoff.

Note: To use Handoff, you need an iPhone 5 or later, iPod touch (5th generation) or later, or iPad (4th generation) or later with iOS 8 installed. Make sure your MacBook and iOS device are on the same Wi-Fi network, signed in to the same iCloud account, and Bluetooth is turned on.

Handoff works with Calendar, Contacts, Mail, Maps, Messages, Notes, Reminders, Safari, Keynote, Numbers, and Pages.

To learn more about using Instant Hotspot, messages, phone calls, and Handoff with your MacBook, go to Mac Help. Or, go to www.apple.com/osx/continuity.

Wirelessly share, print, and play

Quickly share your files, clippings, and webpages using AirDrop. Print wirelessly to an AirPrint-enabled printer from apps such as Mail and Safari. Stream your music, photos, and video to Apple TV with AirPlay.

AirDrop

AirDrop makes sharing files between Mac and iOS devices easy.



Send a file from the Finder. Click the Finder icon in the Dock, then click AirDrop in the sidebar on the left. When the person you want to send a file to appears in the window, drag the file to them.

Send files from an app. While using an app like Pages or Preview, just click the Share button  and choose AirDrop.

Control who can send items to you using AirDrop. Click the Finder icon in the Dock, click AirDrop in the sidebar, then click the “Allow me to be discovered by” menu and choose an option.

When you send a file to someone, they can choose whether to accept the file. When someone sends you a file, you can find it in the Downloads folder on your MacBook.

Print wirelessly

Just select a printer from the list of Nearby Printers in the Print dialog when you print from an app. You can use AirPrint to print wirelessly to:

- An AirPrint-enabled printer on your Wi-Fi network.
- A network printer or printer shared by another Mac on your Wi-Fi network.
- A printer connected to the USB port of an AirPort base station.


Print to an AirPrint printer. When you print from any app, just select an AirPrint printer in the list of printers.

Can't find the printer you're looking for? Make sure it's connected to the same Wi-Fi network as your MacBook. If it is and you still don't see it, try adding it: click the System Preferences icon in the Dock, click Printers & Scanners, then click Add (+). (You may have to connect the printer to your MacBook using USB when you add it.)

See [About AirPrint](#) and [OS X: Printer and scanner software available for download](#) for a list of AirPrint-enabled and other supported printers.

AirPlay

See exactly what's on your MacBook on your TV using AirPlay Mirroring. If your HDTV is connected to Apple TV, and Apple TV is on the same Wi-Fi network as your MacBook, you can mirror your MacBook's display on your TV screen or use it as a second display.

Use AirPlay Mirroring. Click the AirPlay icon  in the menu bar, then choose your Apple TV. When an AirPlay display is active, the icon turns blue.

In some cases, you can use an AirPlay display even if you're not on the same Wi-Fi network as Apple TV (called peer-to-peer AirPlay). To use peer-to-peer AirPlay, you need an Apple TV (3rd generation rev A, model A1469 or later) with Apple TV software 7.0 or later.

Apple TV and AirPort base stations are sold separately at store.apple.com or your local Apple Retail Store.

To learn more about AirDrop, AirPrint, and AirPlay, go to Mac Help. To learn more about using a second display with your MacBook, see [Use an external display](#).

Make video calls with FaceTime



Your MacBook has a built-in FaceTime camera that you can use to make video calls using FaceTime.

Make a video call. Click the Launchpad icon in the Dock, then click FaceTime. Start typing a name or number—if it's in your contacts, FaceTime completes it for you. Then click the camera button by the person's name to make the call.



You can also use your camera to take pictures and video using Photo Booth. To learn more, open Mac Help and search for FaceTime or Photo Booth.

To optimize your video calls, use FaceTime in a well-lit environment.

Use an external display

The USB Type-C port on your MacBook supports video output. You can use an external display, a projector, or an HDTV with your MacBook.

Connect a VGA display or projector. Use a VGA cable and a USB Type-C VGA Multiport Adapter.

Connect an HDMI display or projector, or an HDTV. Use an HDMI cable and a USB Type-C Digital AV Multiport Adapter.



Adapters are sold separately. See [Accessories](#) for more information about MacBook adapters.

Back up and restore



To keep your files safe, it's important to back up your MacBook regularly. The easiest way to back up is to use Time Machine—which is built in to your MacBook—with a wireless AirPort Time Capsule (sold separately) or a self-powered external storage device connected to your MacBook (using an available adapter). For information about MacBook adapters, see [Accessories](#).

Set up Time Machine. Make sure you're on the same Wi-Fi network as your AirPort Time Capsule, or connect your storage device to MacBook. Then click the System Preferences icon in the Dock, click Time Machine, and click On. Select the drive you want to use for backup, and you're all set.



Time Machine:

- Automatically backs up your entire MacBook, including system files, apps, accounts, preferences, music, photos, movies, and documents.
- Remembers how your computer looked on any given day, so you can revisit your MacBook as it appeared in the past or retrieve an older version of a document.
- Lets you restore your entire system from a Time Machine backup. So if anything happens to your MacBook, your files are safe and sound.

To learn more about backing up and restoring your MacBook, go to Mac Help and search for Time Machine, backup, or restore. To learn more about AirPort Time Capsule, go to www.apple.com/airport-time-capsule.

AirPort Time Capsule is sold separately at store.apple.com or your local Apple Retail Store.

Get answers



Much more information about using your MacBook is available in Mac Help.

Get help. Click the Finder icon in the Dock, then click the Help menu in the menu bar and type a question or term in the Search field. Choose a topic from the results list or choose Show All Help Topics to see all topics.

To learn about	Do this
MacBook support	Go to www.apple.com/support/macbook .
MacBook specifications	Go to www.apple.com/macbook/specs .
Using MacBook safely	See Chapter 4, Safety, handling, and support .
Important MacBook information	Choose Apple menu () > About This Mac. Then click Support and choose Important Information > Product Information Guide.

Apps

5

Your MacBook comes with a collection of great apps for things you do every day, like surfing the web, sending mail and messages, and organizing your calendar. It also comes with apps like iPhoto, iMovie, GarageBand, Pages, Numbers, and Keynote—so you can be creative and productive right from the start.

To find even more apps, go to the Mac App Store. Organize your recipes, DJ a party, play the latest game—there's an app for everything you want to do. Just click the App Store icon in the Dock.

To get help using any app, just click the Help menu (in the menu bar at the top of the screen) when you're using the app.

Safari



Safari is the best way to surf the web on your Mac. Just click in the Smart Search field to see icons for your favorite websites, or type a search term or web address—Safari knows the difference and will send you to the right place. You can save pages to your Reading List to read later, and check out Shared Links for pages posted by people you follow on Twitter and LinkedIn. In tab view, you can see all your open tabs—even ones on your iOS devices.

Sidebar

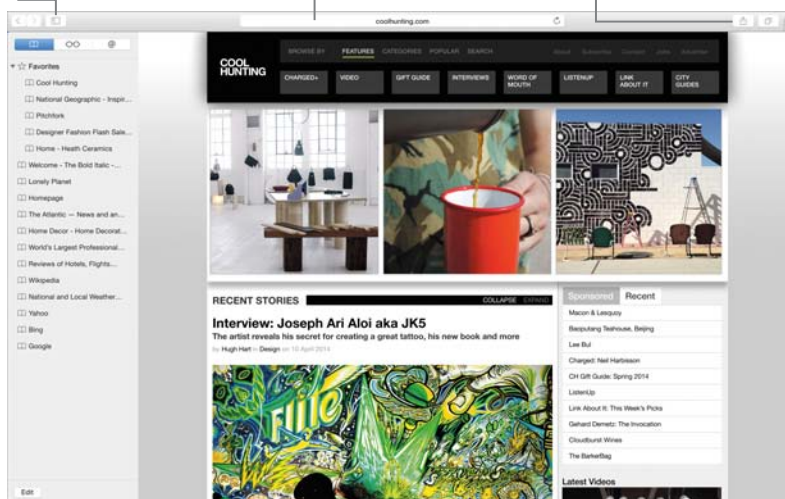
Your bookmarks, Reading List, and Shared Links appear in the sidebar.

Favorites view

Click the Smart Search field to see icons for your favorite websites.

Share

Easily send webpages or share them with your social networks.



Mail



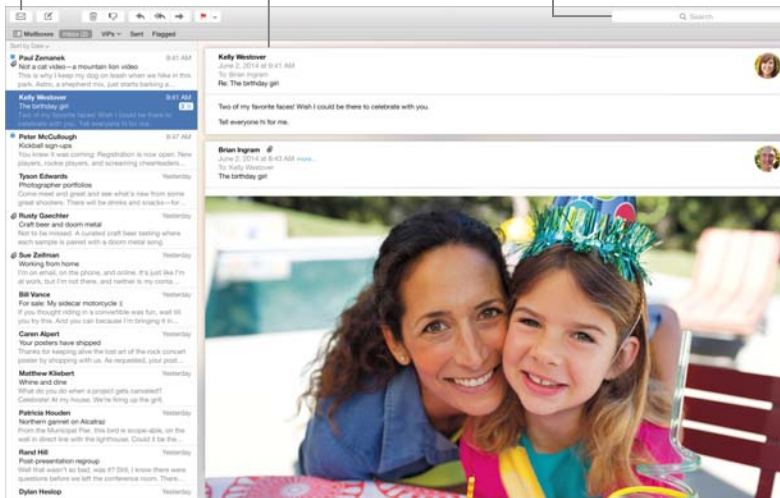
Mail lets you manage all your email accounts from a single app. It works with most popular email services like iCloud, Gmail, Yahoo Mail, and AOL Mail.

You can send large attachments using Mail Drop—your attachments are uploaded to iCloud, and recipients get a link to them. And with Markup, you can fill out and sign forms or mark up a PDF. To get started, just open Mail, and Setup Assistant helps you set up your accounts.

One-stop email
View all your accounts in Mail.

Conversation view
See all the email messages from a conversation thread.

Search
Quickly narrow search results to find exactly what you want.



Calendar



Keep track of your busy schedule with Calendar. You can create separate calendars—one for home, another for school, and a third for work. See all your calendars in a single window, or see just the ones you want. Send invitations to events, then see who has responded. Add a location to an event, and Calendar will include a map, calculate travel time, and even display the weather forecast. Use iCloud to automatically update your iCloud calendars on all your Macs and iOS devices or share calendars with other iCloud users.

You can share iCloud calendars and add Google and Yahoo calendars.

Add an event

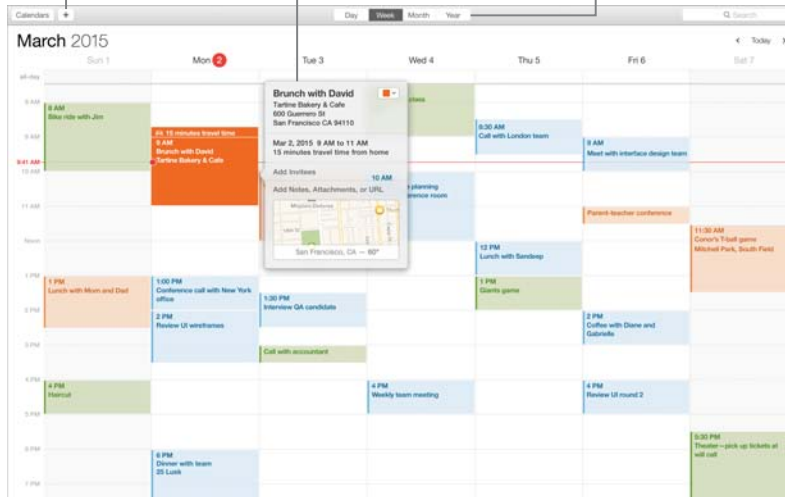
Double-click within the calendar to create a new event.

Get the details

Calendar shows an event's location on a map and calculates travel time.

Calendar view

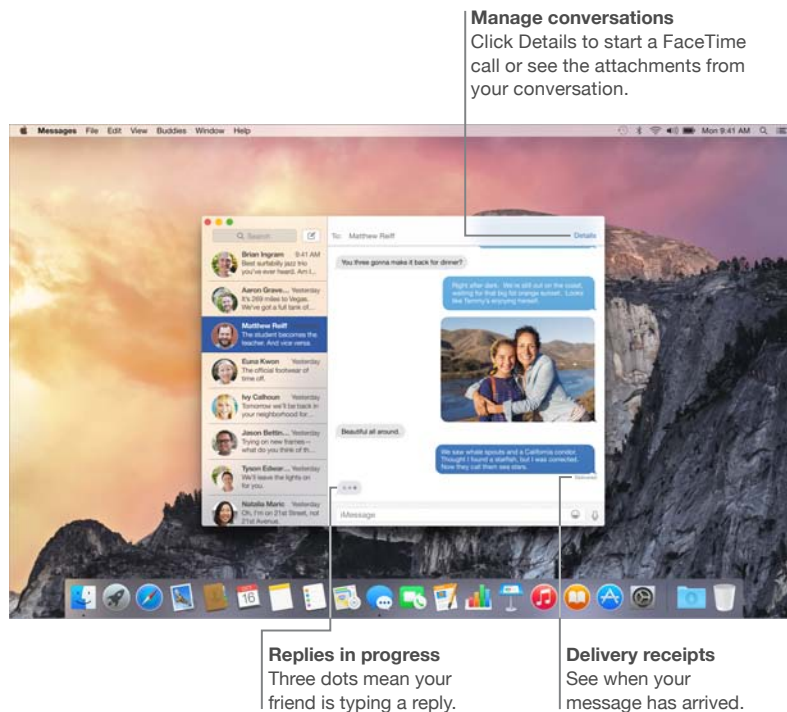
Select the view you prefer—day, week, month, or year.



Messages



Messages gives you many ways to stay in touch. Just sign in with your Apple ID, and you can send and receive unlimited iMessage texts—including text, photos, video, and more—to anyone with a Mac, iPad, iPhone, or iPod touch. With iMessage, you can even start a conversation on your iOS device and continue on your MacBook. If your iPhone is handy, you can send SMS messages to other mobile devices, too. And if you want to talk to someone face to face, you can start a FaceTime video call right from a conversation in Messages.



Note: To use FaceTime video calling, both the caller and recipient need a FaceTime-enabled device. This feature is not available in all areas.

Maps



Explore new destinations and get directions on your Mac with Maps. View locations using standard or satellite imagery, or use Flyover to soar through select cities in a photorealistic 3D experience. You can look up information for local points of interest like restaurants and hotels, and Maps shows you phone numbers, photos, and even Yelp reviews. Once you find your destination, Maps provides point-to-point directions that you can send to your iPhone for turn-by-turn voice navigation.

Directions

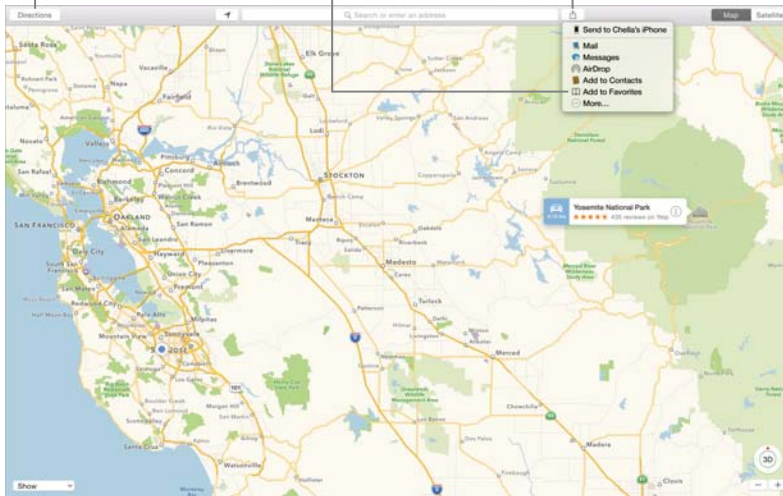
Maps provides detailed directions, including traffic information.

Favorites

Save a favorite location and access it from any device.

Send to iPhone


Send directions to your iPhone for voice navigation.



WARNING: For important information about navigation and avoiding distractions that could lead to dangerous situations, see [Important safety information](#).

Spotlight



Spotlight is an easy way to find anything on your Mac—and in sources like Wikipedia, iTunes, Maps, and more. Just click the Spotlight icon  in the menu bar or press Command-Space bar, then start typing. Spotlight finds results on your Mac—including documents, contacts, and email messages—as well as Wikipedia articles, news, movie showtimes, and more. You can take action right from your search results: make a call, send an email, get directions, even convert currencies.



Note: Not all features are available in all areas.

iTunes



iTunes makes it easy to enjoy your favorite music, movies, TV shows, and more on your Mac. iTunes includes the iTunes Store, where you can purchase classics or new favorites. It also includes iTunes Radio, a great way to discover music.

Your library

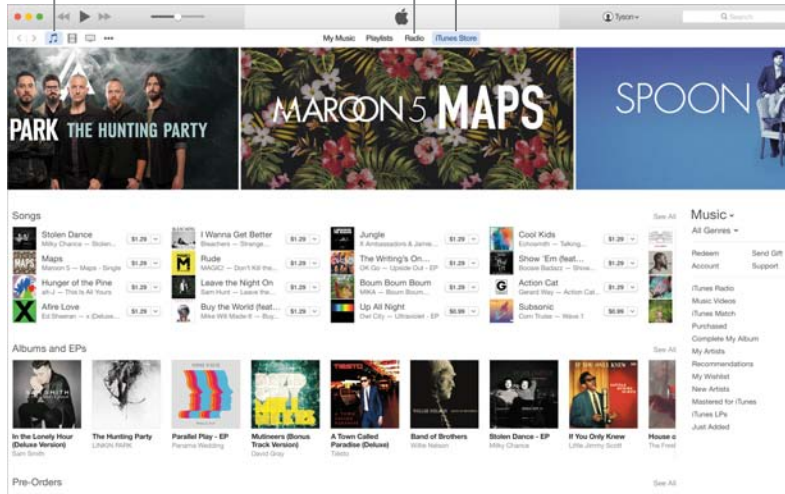
View your music, movies, TV shows, podcasts, and more.

iTunes Radio

Enjoy free streaming radio tailored from top music in the iTunes Store.

iTunes Store

Discover and buy new music, movies, and more.



iPhoto, iMovie, and GarageBand



iPhoto, iMovie, and GarageBand give you amazing ways to create and share your photos, movies, and music. iPhoto helps you organize your library and create gorgeous photo books, cards, and calendars. iMovie lets you turn your home videos into beautiful movies and epic Hollywood-style trailers. And GarageBand has everything you need to learn to play an instrument, write music, or record a song.



Events

Simply move your cursor to quickly skim through the photos in any Event.

Projects

Easily create and order personalized books, cards, and calendars.

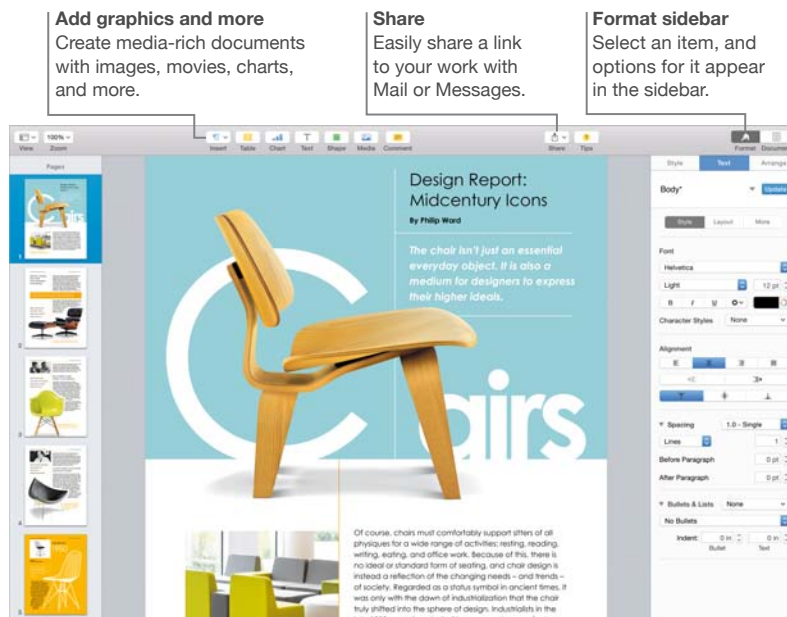
Share

Post your favorites to Facebook or share them with iCloud or Messages.

Pages, Numbers, and Keynote



Create stunning documents, spreadsheets, and presentations on your Mac. Beautiful templates give you a great head start—simply add your own words and photos. And customizing your work is a snap—just select any text or object, and you see all your options in the Format sidebar on the right. Open and edit Microsoft Office files, and easily share a link to your work via Mail or Messages, right from the toolbar.



Safety, handling, and support

6

Important safety information



WARNING: Failure to follow these safety instructions could result in fire, electric shock, or other injuries, or damage to your MacBook or other property. Read all safety information below before using your MacBook.

Built-in battery. Don't attempt to replace or remove the battery yourself—you may damage the battery, which could cause overheating and injury. The lithium-ion battery in MacBook should be replaced by Apple or an authorized service provider, and must be recycled or disposed of separately from household waste. Don't expose your MacBook to extreme heat sources, such as radiators or fireplaces, where temperatures might exceed 212°F (100°C). Don't incinerate the battery.

For information about battery service and recycling, go to www.apple.com/batteries/service-and-recycling.

Handling. Handle your MacBook with care. It is made of metal, glass, and plastic and has sensitive electronic components inside. Set up your MacBook on a stable work surface that allows for adequate air circulation under and around the computer. MacBook can be damaged if dropped, burned, punctured, or crushed, or if it comes in contact with liquid. Don't use a damaged MacBook, such as one with a cracked screen, as it may cause injury.

Water and wet locations. Keep your MacBook away from sources of liquid, such as drinks, washbasins, bathtubs, shower stalls, and so on. Protect your MacBook from dampness or wet weather, such as rain, snow, and fog.

Repairing. Your MacBook doesn't have any user-serviceable parts. Do not open or disassemble MacBook or attempt to repair it or replace any components. Disassembling MacBook may damage it or may cause injury to you. If MacBook needs service, is damaged, malfunctions, or comes in contact with liquid, contact Apple or an Apple-authorized repair center, such as an Apple Authorized Service Provider. If you attempt to open it, you risk damaging your computer, and such damage isn't covered by the limited warranty on your MacBook.

Navigation. Maps, directions, and location-based apps depend on data services. These data services are subject to change and may not be available in all areas, resulting in maps, directions, or location-based information that may be unavailable, inaccurate, or incomplete. Compare the information provided on MacBook to your surroundings and defer to posted signs to resolve any discrepancies. Do not use these services while performing activities that require your full attention. Always comply with posted signs and the laws and regulations in the areas where you are using MacBook and always use common sense.

Charging. Charge MacBook only with the included 29W USB Type-C Power Adapter, or with other third-party cables and power adapters that are compatible with USB Type-C and are compliant with applicable regulations.

Using damaged cables or chargers, or charging when moisture is present, can cause fire, electric shock, injury, or damage to MacBook or other property. When you use the included 29W USB Type-C Power Adapter to charge MacBook, make sure the USB cable is fully inserted into the power adapter before you plug the adapter into a power outlet.

Prolonged heat exposure. MacBook and its 29W USB Type-C Power Adapter may become very warm during normal use. MacBook and its 29W USB Type-C Power Adapter comply with applicable surface temperature standards and limits defined by the International Standard for Safety of Information Technology Equipment (IEC 60950-1). However, even within these limits, sustained contact with warm surfaces for long periods of time may cause discomfort or injury. Use common sense to avoid situations where your skin is in prolonged contact with a device or its power adapter when it's operating or plugged in to a power source. For example, don't sleep with a device or power adapter when it's plugged in to a power source. Don't operate your MacBook on a pillow, blanket, or other soft material that can block ventilation openings. It's important to keep MacBook and its 29W USB Type-C Power Adapter in a well-ventilated area when in use or charging.

Never push anything into the ventilation openings, as doing so may be dangerous and cause your computer to overheat. Never place anything over the keyboard when operating your MacBook. If your MacBook is on your lap and gets uncomfortably warm, remove it from your lap and place it on a stable, well-ventilated work surface. Take special care if you have a physical condition that affects your ability to detect heat against the body.

29W USB Type-C Power Adapter. To operate the 29W USB Type-C Power Adapter safely, and reduce the possibility of heat-related injury or damage, do one of the following:

- Plug the 29W USB Type-C Power Adapter directly into a power outlet.
- If you're using the Power Adapter Extension Cable, place the power adapter on a desk, table, or on the floor in a well-ventilated location.

Disconnect the power adapter and any other cables if any of the following conditions exists:

- You want to clean the case (use only the recommended procedure described in [Important handling information](#)).
- The power cord or plug becomes frayed or otherwise damaged.
- Your MacBook or 29W USB Type-C Power Adapter is exposed to rain, excessive moisture, or liquid spilled into the case.
- Your MacBook or 29W USB Type-C Power Adapter has been dropped, the case has been damaged, or you suspect that service or repair is required.

If debris gets onto the power port, remove it gently with a dry cotton swab.

29W USB Type-C Power Adapter specifications:

- *Frequency:* 50 to 60 Hz, single phase
- *Line Voltage:* 100 to 240 V
- *Output Voltage:* 14.5 V DC, 2.0 A or 5.2 V DC, 2.4 A

Hearing loss. Listening to sound at high volumes may damage your hearing. Background noise, as well as continued exposure to high-volume levels, can make sounds seem quieter than they actually are. Use only compatible earbuds, headphones, or earpieces with your MacBook. Turn on the audio and check the volume before inserting anything into your ear. For more information about hearing loss, see www.apple.com/sound.



WARNING: To prevent possible hearing damage, do not listen at high volume levels for long periods.

Radio frequency exposure. MacBook uses radio signals to connect to wireless networks. For information about radio frequency (RF) energy resulting from radio signals and steps you can take to minimize exposure, see www.apple.com/legal/rfexposure.

Medical device interference. MacBook contains components and radios that emit electromagnetic fields, which may interfere with pacemakers, defibrillators, or other medical devices. Maintain a safe distance of separation between your medical device and MacBook. Consult your physician and medical device manufacturer for information specific to your medical device. If you suspect MacBook is interfering with your pacemaker or any other medical device, stop using MacBook.

Medical conditions. If you have a medical condition that you believe could be affected by using MacBook (for example, seizures, blackouts, eyestrain, or headaches), consult with your physician prior to using MacBook.

Repetitive motion. When you perform repetitive activities such as typing or playing games on MacBook, you may experience discomfort in your hands, arms, wrists, shoulders, neck, or other parts of your body. If you experience discomfort, stop using MacBook and consult a physician.

Choking hazard. Some MacBook accessories may present a choking hazard to small children. Keep these accessories away from small children.

High-consequence activities. MacBook is not intended for use where the failure of the computer could lead to death, personal injury, or severe environmental damage.

Explosive atmospheres. Charging or using MacBook in any area with a potentially explosive atmosphere, such as areas where the air contains high levels of flammable chemicals, vapors, or particles (such as grain, dust, or metal powders), may be hazardous. Obey all signs and instructions.

Important handling information

Operating environment. Operating your MacBook outside these ranges may affect performance:

- *Operating temperature:* 50° to 95° F (10° to 35° C)
- *Storage temperature:* -4° to 113° F (-20° to 45° C)
- *Relative humidity:* 5% to 90% (non-condensing)
- *Operating altitude:* Tested up to 10,000 feet (0 to 3048 meters)

Carrying your MacBook. If you carry your MacBook in a bag or briefcase, make sure that there are no loose items (such as paper clips or coins) that could accidentally get inside the computer through vent openings or get stuck inside a port.

Using connectors and ports. Never force a connector into a port. When connecting a device, make sure the port is free of debris, that the connector matches the port, and that you have positioned the connector correctly in relation to the port.

USB Type-C Charge Cable (2m). Certain usage patterns can contribute to the fraying or breaking of cables. The USB Type-C Charge Cable (2m), like any other metal wire or cable, is subject to becoming weak or brittle if repeatedly bent in the same spot. Aim for gentle curves instead of angles in the cable. Regularly inspect the cable and connectors for any kinks, breaks, bends, or other damage. Should you find any such damage, discontinue use of the USB Type-C Charge Cable.

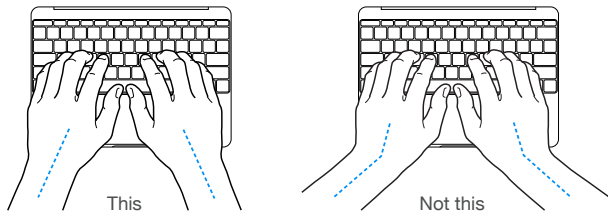
Storing your MacBook. If you are going to store your MacBook for an extended period of time, keep it in a cool location (ideally, 71° F or 22° C) and discharge the battery to 50 percent. When storing your computer for longer than five months, maintain the capacity of the battery by charging the battery to 50 percent every six months or so.

Cleaning your MacBook. When cleaning the outside of your MacBook and its components, first shut down your MacBook, and then unplug the 29W USB Type-C Power Adapter. Then dampen a clean, lint-free cloth to wipe the MacBook exterior. Avoid getting moisture in any openings. Don't spray liquid directly on the computer. Don't use aerosol sprays, solvents, abrasives, or cleaners containing hydrogen peroxide that might damage the finish.

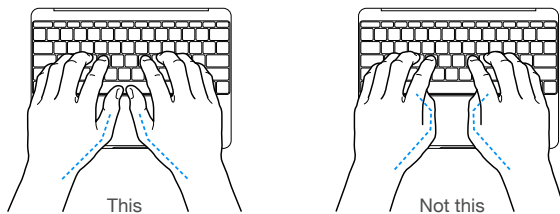
Cleaning the MacBook screen. To clean your MacBook screen, first shut down your MacBook and unplug the 29W USB Type-C Power Adapter. Dampen a clean, lint-free cloth with just water and wipe the screen. Don't spray liquid directly on the screen.

Understanding ergonomics

When you use the keyboard and trackpad, your shoulders should be relaxed. Your upper arm and forearm should form an angle that is slightly greater than a right angle, with your wrist and hand in roughly a straight line.



Use a light touch when typing or using the trackpad and keep your hands and fingers relaxed. Avoid rolling your thumbs under your palms.



Change hand positions often to avoid fatigue. Some computer users might develop discomfort in their hands, wrists, or arms after intensive work without breaks. If you begin to develop chronic pain or discomfort in your hands, wrists, or arms, consult a qualified health specialist.

External mouse. If you use an external mouse, position the mouse at the same height as the keyboard and within a comfortable reach.

Chair. An adjustable chair that provides firm, comfortable support is best. Adjust the height of the chair so your thighs are horizontal and your feet are flat on the floor. The back of the chair should support your lower back (lumbar region). Follow the manufacturer's instructions for adjusting the backrest to fit your body properly.

Built-in display. Adjust the angle of the display to minimize glare and reflections from overhead lights and windows. Do not force the display if you meet resistance. The display is not designed to open past 135 degrees.

You can adjust the brightness of the screen when you take the computer from one work location to another, or if the lighting in your work area changes.

For more information about ergonomics, see www.apple.com/about/ergonomics.

Apple and the environment

At Apple, we recognize our responsibility to minimize the environmental impacts of our operations and products.

For information, go to www.apple.com/environment.

Learning more, service, and support

You can find more information about your MacBook through Mac Help, System Report, Apple Hardware Test, and online resources.

Mac Help. You can often find answers to your questions, as well as instructions and troubleshooting information, in Mac Help on your Mac. Click the Finder icon in the Dock, click Help in the menu bar, and choose Mac Help.

System Report. To get information about your MacBook, use System Report. It shows you what hardware and software is installed, the serial number and operating system version, how much memory is installed, and more. To open System Report, choose Apple menu () > About This Mac, then click System Report.

Apple Hardware Test. You can use Apple Hardware Test (AHT) to help determine if there's a problem with one of the computer's components, such as the memory or processor.

To use Apple Hardware Test, disconnect all external devices except the power adapter. Restart your MacBook and hold down the D key as it starts up. When the AHT chooser screen appears, select the language for your location. Press the Return key or click the right arrow button. When the AHT main screen appears (after about 45 seconds), follow the onscreen instructions. If AHT detects a problem, it displays an error code. Make a note of the error code before pursuing support options. If AHT doesn't detect a hardware failure, the problem might be software related.

Online resources. For online service and support information, go to www.apple.com/support and choose your country from the pop-up menu. You can search the AppleCare Knowledge Base, check for software updates, or get help from Apple's discussion forums.

AppleCare support. If you need assistance, AppleCare representatives can help you with installing and opening apps, and troubleshooting. Call the support center number nearest you (the first 90 days are complimentary). Have the purchase date and your MacBook serial number ready when you call.

Your 90 days of complimentary telephone support begins on the date of purchase.

Country	Phone number	Web address
United States	1-800-275-2273	www.apple.com/support
Australia	(61) 1-300-321-456	www.apple.com/au/support
Canada	1-800-263-3394	English: www.apple.com/ca/support French: www.apple.com/ca/fr/support

Country	Phone number	Web address
Ireland	1-800-804-062	www.apple.com/ie/support
New Zealand	00800-7666-7666	www.apple.com/nz/support
United Kingdom	(44) 0844 209 0611	www.apple.com/uk/support

Telephone numbers are subject to change, and local and national telephone rates may apply. A complete list is available on the web at: www.apple.com/support/contact/phone_contacts.html.

FCC compliance

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Important: Changes or modifications to this product not authorized by Apple could void the electromagnetic compatibility (EMC) and wireless compliance and negate your authority to operate the product. This product has demonstrated EMC compliance under conditions that included the use of compliant peripheral devices and shielded cables between system components. It is important that you use compliant peripheral devices and shielded cables between system components to reduce the possibility of causing interference to radios, televisions, and other electronic devices.

If necessary, contact Apple or take your MacBook to an Apple-authorized repair center, such as an Apple Authorized Service Provider. Or consult an experienced radio/television technician for additional suggestions.

This product has demonstrated EMC compliance under conditions that included the use of compliant peripheral devices and shielded cables (including Ethernet network cables) between system components. It is important that you use compliant peripheral devices and shielded cables between system components to reduce the possibility of causing interference to radios, television sets, and other electronic devices.

Responsible party (contact for FCC matters only):
 Apple Inc. Corporate Compliance
 1 Infinite Loop, MS 91-1EMC
 Cupertino, CA 95014

Canadian regulatory compliance

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

Users are advised that high-power radars are allocated as primary users (i.e., priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

La bande 5150-5250 MHz est réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

Les utilisateurs êtes avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5250-5350 MHz et 5650-5850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

CAN ICES-3 (B)/NMB-3(B)

Europe–EU Declaration of Conformity



Hereby, Apple Inc. declares that this wireless device is in compliance with the essential requirements and other relevant provisions of R&TTE Directive.

A copy of the EU Declaration of Conformity is available at: www.apple.com/euro/compliance.

Apple's EU representative is Apple Distribution International, Hollyhill Industrial Estate, Cork, Ireland.

This device can be used in the European Community.

European Community Restrictions

This device is restricted to indoor use in the 5150 to 5350 MHz frequency range.

ENERGY STAR® Compliance Statement



As an ENERGY STAR® partner, Apple has determined that standard configurations of this product meet the ENERGY STAR® guidelines for energy efficiency. The ENERGY STAR® program is a partnership with electronic equipment manufacturers to promote energy-efficient products. Reducing energy consumption of products saves money and helps conserve valuable resources.

MacBook is shipped with power management enabled with the computer set to sleep after 10 minutes of user inactivity. To wake your computer, click the trackpad or press any key on the keyboard. To change this setting, click the System Preferences icon in the Dock, then click Energy Saver.

MacBook meets the ENERGY STAR guidelines for energy efficiency. Reducing energy consumption saves money and helps conserve valuable resources. For more information about ENERGY STAR, go to www.energystar.gov.

Disposal and recycling information



This symbol indicates that this product and/or battery should not be disposed of with household waste. When you decide to dispose of this product and/or its battery, do so in accordance with local environmental laws and guidelines.

For information about Apple's recycling program, recycling collection points, restricted substances and other environmental initiatives, visit www.apple.com/environment.

European Union—Disposal Information



The symbol above means that according to local laws and regulations your product and/or its battery shall be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. The separate collection and recycling of your product and/or its battery at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

Türkiye

Türkiye Cumhuriyeti: AEEE Yönetmeliğine Uygundur.

Brasil—Informações sobre descarte e reciclagem disposal symbol



O símbolo indica que este produto e/ou sua bateria não devem ser descartadas no lixo doméstico. Quando decidir descartar este produto e/ou sua bateria, faça-o de acordo com as leis e diretrizes ambientais locais. Para informações sobre o programa de reciclagem da Apple, pontos de coleta e telefone de informações, visite www.apple.com/br/environment.

Información sobre eliminación de residuos y reciclaje disposal symbol



El símbolo indica que este producto y/o su batería no debe desecharse con los residuos domésticos. Cuando decida desechar este producto y/o su batería, hágalo de conformidad con las leyes y directrices ambientales locales. Para obtener información sobre el programa de reciclaje de Apple, puntos de recolección para reciclaje, sustancias restringidas y otras iniciativas ambientales, visite www.apple.com/la/environment.

Battery disposal information

Dispose of batteries according to your local environmental laws and guidelines.

Taiwan disposal information



廢電池請回收

Taiwan battery statement

警告：請勿戳刺或焚燒。此電池不含汞。

China battery statement

警告：不要刺破或焚燒。該電池不含水銀。

中国

有害物质	零部件				
	电路板	显示屏	电池组	附件	电源适配器
铅 (Pb)	X	X	X	X	X
汞 (Hg)	O	O	O	O	O
镉 (Cd)	O	O	O	O	O
六价铬 (Cr, VI)	O	O	O	O	O
多溴联苯 (PBB)	O	O	O	O	O
多溴二苯醚 (PBDE)	O	O	O	O	O

O: 表示该有毒有害物质在该部件所有均质材料中的含量均在 GB/T 26572-2011 规定的限量要求以下。

X: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572-2011 规定的限量要求。

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Battery replacement

The battery in MacBook should be replaced only by Apple or an authorized service provider, and must be recycled or disposed of separately from household waste. For information about battery recycling and replacement, go to www.apple.com/batteries/replacement-and-recycling.

Battery Charger Energy Efficiency



Software License Agreement

Use of MacBook constitutes acceptance of the Apple and third-party software license terms found at www.apple.com/legal/sla.

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Every effort has been made to ensure that the information in this manual is accurate. Apple is not responsible for printing or clerical errors.

Because Apple periodically releases new versions and updates to its software, images shown in this book may be different from what you see on your screen.

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1 Infinite Loop
Cupertino, CA 95014-2084
408-996-1010
www.apple.com

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App Store, iBooks Store, and iTunes Radio are service marks of Apple Inc.

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The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Apple Inc. is under license.

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Some apps are not available in all areas. App availability is subject to change.

019-00080/2015-03