

iPad Owners Manual



Photo courtesy of <https://appletoolbox.com/where-is-the-ipad-manual/>

The iPad provides an ideal experience for the user who would like the same power that Macintosh provides, but with the portability of an iPhone. As our founder Steve Jobs put it at launch over a decade ago, “It is the best browsing experience we’ve ever created.”

In your hands is a liquid retina display, square aluminum enclosure, and a seamless OS (operating system) of endless possibilities. This machine is the bridge between liberal arts and technology. Another wonderful product that makes Apple, Apple.

This guide is meant to get you set up and troubleshoot common issues that may arise during that process.

If you need further information, please go to **support.apple.com** where we have tutorials and service guides. For an agent, call **1 (800) MY-APPLE**.

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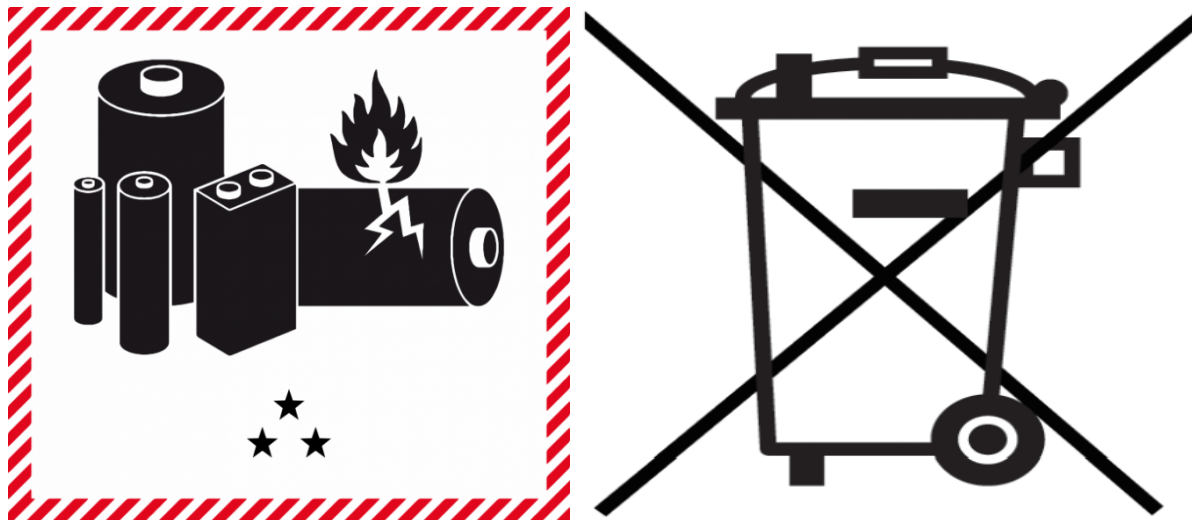
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Warnings and Hazards

This device contains a standalone lithium ion battery. To ensure safety please adhere to the following:

- Never Charge the battery with an A/C Adapter with a higher wattage (20W) than what came in the package.
- Do not puncture, burn, bend, or open the battery.
- If disposed of, make sure to dispose of the device and all of its components in your country's proper receptacles.
- Damage to the USB-C port or the enclosure can result in a thermal event. Should this happen, seek repair as soon as possible via **support.apple.com** or call us at **1 (800)-MY-APPLE**.

Figure 1



Images courtesy of the U.S. Environmental Protection Agency

Key Terms

- A/C Adapter - The block or “wall end” of the charger that you plug one end of your USB-C charging cable into in order to charge your iPad
- Enclosure - The aluminum “outside” or “square side” of your iPad.
- USB-C Port - The semi-ovular port that you plug your charging cable into.
- iPad OS - The operating system (OS) that is pre-installed on the device.
- Application - These are enabled by the iPad OS to make your iPad a useful tool. “If you think of it, there is an app for that.”
- Apple ID - Your connection to all things apple. This allows you to share information between multiple devices running any of our operating systems.

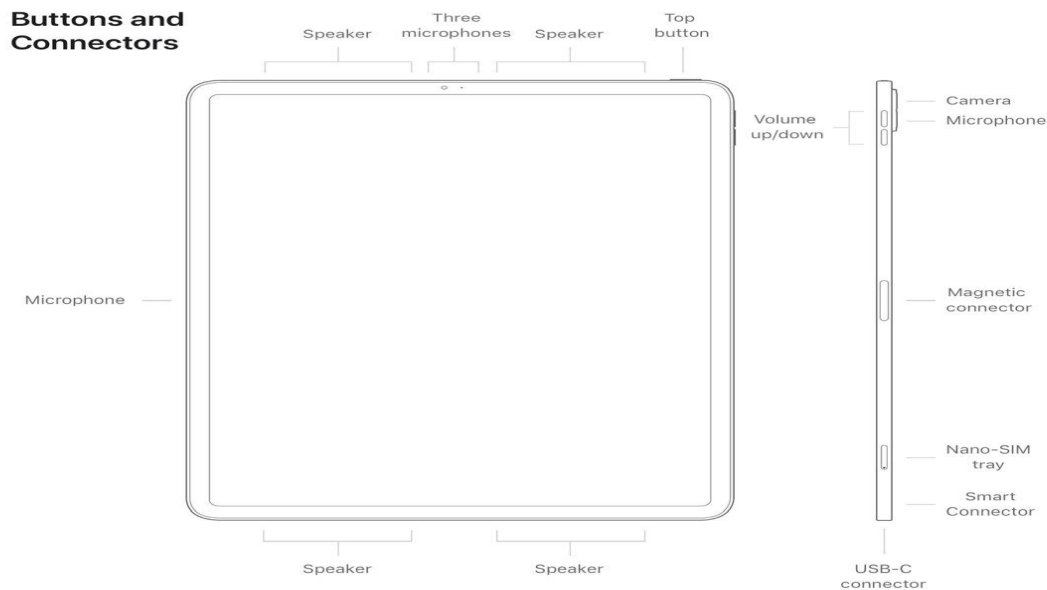
Technical Description

The iPad is a tablet computer that runs iPadOS, distributed by Apple inc. This tablet has a 12.9” liquid retina display with a 2732-by-2048 pixel resolution. An aluminum enclosure ensures that your tablet will be able to withstand minimal drops and maintain a standard operating temperature.

This device requires a minimum of 20W in order to charge completely and maintain the longevity of its battery life. You can check the battery’s capacity in the settings under “battery”. Anything with higher than the recommended voltage could result in a thermal event.

We have developed firmware that reads the battery's lifespan in relation to your charging habits. It's like checking the oil in a car engine to make sure everything is running as well as possible before needing replacement.

Figure 2



This image is courtesy of Apple Inc., found on <https://discussions.apple.com/thread/251883680>

The iPad consists of a single USB-C port for charging, SSD, or thumb drive data storage. The Smart connectors on the rear of the aluminum enclosure is for our Magic Keyboard (sold separately) to allow for a second USB-C port for charging while the enclosure-based port can be used for SSD or thumb drive data migration.

Our “Top Button” acts as the lock button and is responsible for waking and putting the display to sleep or “locked” mode. It is also responsible for turning off your iPad. Treat this button like a response to finishing your work or browsing for the day.

On the right side of the enclosure, you will find your volume buttons. If you were to find yourself in a situation where your iPad is unresponsive when the display is illuminated, you can complete a simple command to resolve the issue:

Volume “+”, Volume “-”, then press and hold the “Top Button” for fifteen seconds until the Apple logo appears in the center of the screen.

These buttons also act as your volume control for media playback when using the iPad.

How to Restore your iPad

1. First, you will need either a Mac running the latest version of macOS or a PC running the latest version of Windows with iTunes installed.
 - We can verify this by clicking on the apple logo in the upper left corners of the screen on a Mac, then selecting “About this Mac”. Make sure the macOS version is on macOS 12.0 or later.
 - If you are using a PC, you can select the “iTunes” application, then select “info” in the upper left corner of the display where it shows the system version. iTunes 12.10 and newer will suffice.
2. Once you’ve verified the version of macOS or iTunes we will be using to “DFU” your device, you will then plug the iPad into your computer with the USB-C to USB-C charging cable that came in the box.



Photos courtesy of macsales.com & apple.com

3. After you’ve plugged the iPad into the computer, we first have to find it in your system settings or “Finder” you’re using a mac. This will be listed under “Devices”.

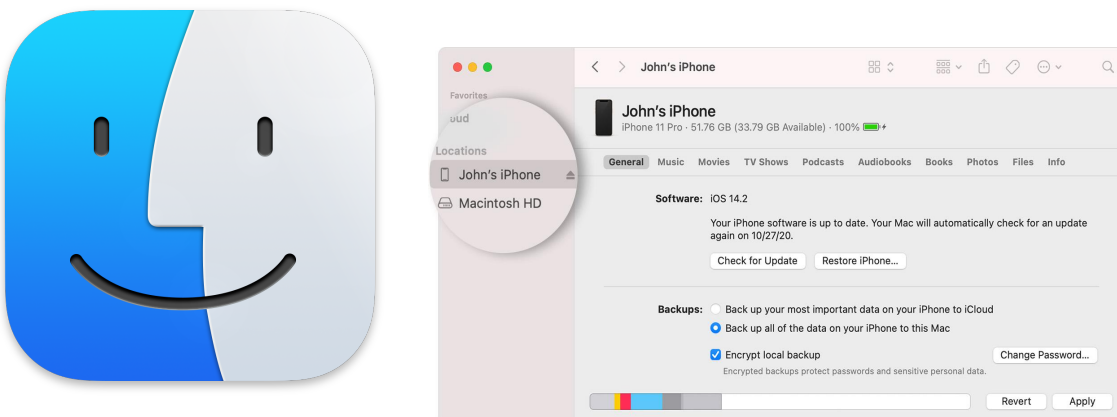


Photo courtesy of apple.com

4. Start the DFU by completing the following sequence by pressing “volume up (+), volume down (-), then the lock button”.
 - Consult the technical description for button orientation.
5. Hold the lock button down for 10 seconds until you see the device disappear in your “Device” list and reappear with a notification stating that “your device must be updated”.
6. Select “Erase and Update” rather than “Update”
 - The reason why we choose “Erase and Update” rather than just “Update” is because update only updates your software, not the firmware.
7. The screen will prompt “Are you sure?”, respond “Accept”.
8. A drop screen will appear in the upper right corner of the window for “iTunes” or “Finder” showing you the loading status of your iPad.

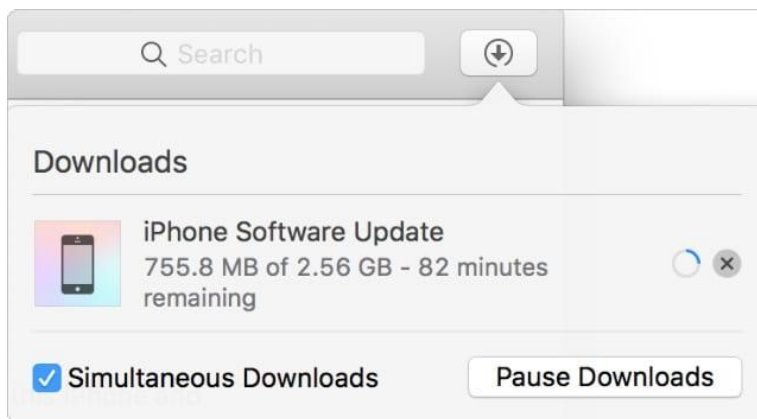


Photo courtesy of apple.com

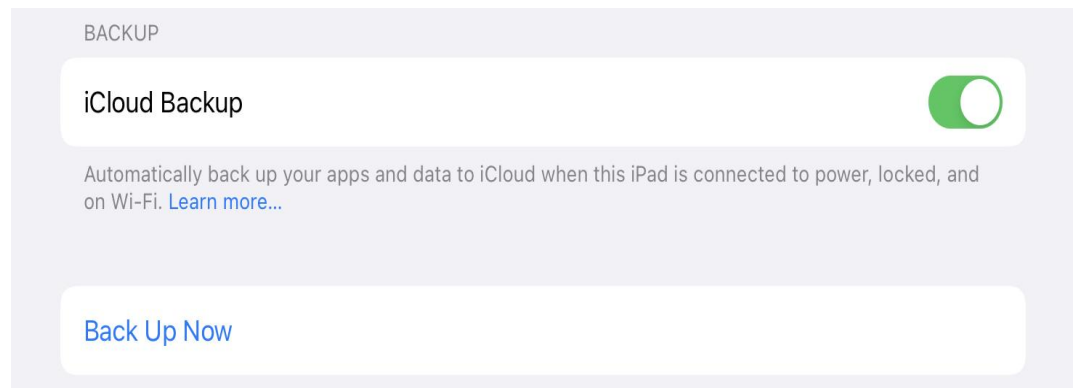
9. Once the process completes, the program will let you know by saying “Software Updated” and you should be greeted with the “Hello” screen on your iPad.
10. Go through the standard “Set Up” portion of the startup process.

11. Once you get to the “Information and Data” screen, you will then select “Don’t transfer apps and data”, but still log into your Apple ID so you can restore your applications and data from the iCloud without bringing back the previous firmware.
12. To reinstall previously installed applications, downloaded photos, and iMessage conversations, you will have to log into your Apple ID within “Settings” to retrieve them.

Frequently Asked Questions

- How do I get the data from my previous iPad to my new one?
 - Make sure your iPad’s are logged into the same Apple ID.
Go to **Settings** > tap on your name > see “**iCloud**” then select the “**iCloud Backup**” section.

To determine whether or not this is enabled, there will be a button on this section labeled *green* for “Activated” or *gray* for “Deactivated”.



To transfer data between iPads, you will want to have both sets of settings on *Green* for “Active”. This means that your iPads are talking to each other, sharing data.

Once **iCloud Backup** is *enabled*, select “**Back Up Now**” to save your information to the icloud. This will make your data retrievable.

- How can I extend my warranty?
 - Within **Settings**, you are able to extend your warranty by selecting **General** > **About** > then **Warranty**.
Within the Warranty section, there will be an option in blue with a pricing matrix and a billing option to extend your warranty with Apple Care+.

- Where can I find applications to install on my iPad?
 - The App Store is a place to download all of your applications.

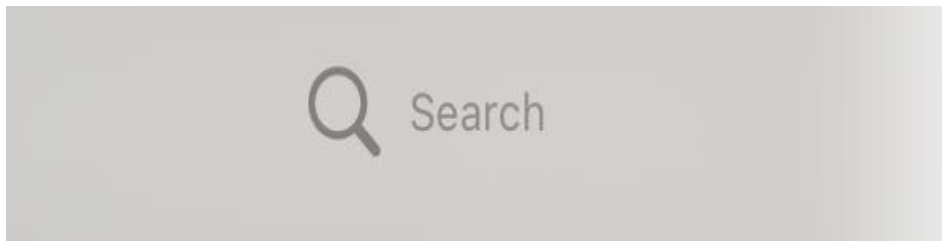
Figure 3



Image courtesy of ztric.com/ezplug/ios11-app-store-icon-100759773-large/

To find an application you are looking for, there is a search bar in the lower right side (in either landscape or portrait orientation) of the App Store homepage.

Select “**Search**” and type in the name whichever application you desire to download.



- What is an Apple ID?
 - An **Apple ID** is your one place for all things Apple. This connects your iPad to any other Apple product. This account is also required for you to download any application for our App Store.

Work Cited

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All other images were either courtesy of either Apple.com or direct screenshots from the author.

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