

How to create a MacOS Sierra installed USB drive 10.12

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In the article below, the Network Administrator will show you how to create a MacOS Sierra installed USB drive 10.12.



Part 1: Prepare

- Mac compatible with macOS Sierra version 10.12.

Mac list compatible with macOS Sierra:

1. MacBook - late 2009 and later
2. iMac - late 2009 and later
3. MacBook Air - 2010 and later
4. MacBook Pro - 2010 and later
5. Mac Mini - 2010 and later
6. Mac Pro - 2010 and later

- A minimum of 16GB USB drive. The process will format the entire drive, so the USB drive must have a large capacity to store important data before performing the process.
- Access the Mac App Store.
- The process takes place in about 15-20 minutes.

Part 2: Implementation steps

Step 1:

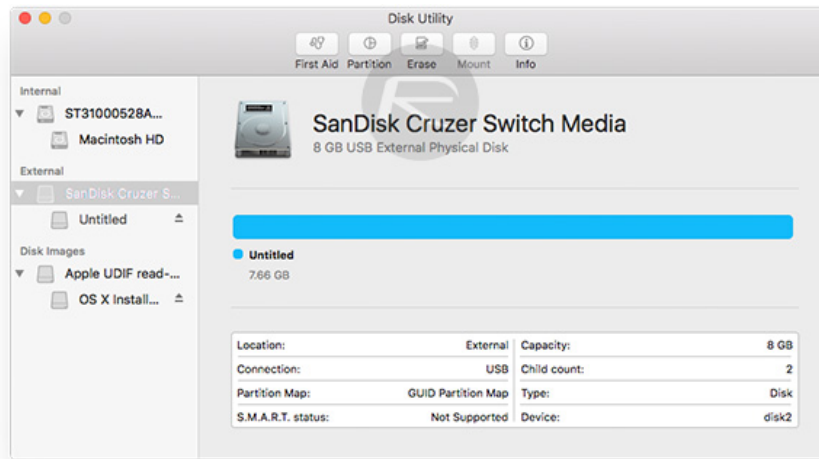
First visit the Mac App Store to download the macOS Sierra installer 10.12. Application named ' **Install macOS Sierra** '.



Step 2:

Plug the USB drive into Mac, then launch the Disk Utility application to format the connected USB drive.

After the application is open, make sure your USB drive is selected in the left pane, then click the **Erase** button.



Step 3:

A new window appears on the screen, where you name your USB drive, such as Untitled or any name you want.

In the **Format** pane, make sure that your choice is **OS X Extended (Journaled)** and that in the **Scheme** framework is **GUID Partition Map**. Once done, click the **Erase** button to continue.



Step 4:

After the USB drive has been successfully erased, the next step is to open the Terminal application. You can find the application in the / **Applications** / **Utilities** folder or use Spotlight search to find and open the application.

Step 5:

Open Terminal under Admin, then enter the command below and press **Enter** to create install media on the USB drive:

```
sudo / Applications / Install macOS Sierra.app/Contents/Resources/createinstallmedia --volume /  
Volumes / Untitled --applicationpath / Applications / Install macOS Sierra.app --nointeraction &&  
say Done
```

```
sudo /Applications/Install\ macOS\ Sierra.app/Content  
s/Resources/createinstallmedia --volume /Volumes/Untitled --applicationpath /App  
lications/Install\ macOS\ Sierra.app --nointeraction &&say Done
```

Make sure the command syntax is completely correct, otherwise an error will occur.

Step 6:

When asked, enter the Admin password on your Mac. This is because in the above command we use the "sudo" command to run additional permissions. Next press **Enter**.

Terminal will display the commands during execution. The process takes about 15-20 minutes, depending on the Mac model. Once completed, Terminal will display "**Done**" in the bottom corner, which means that the USB drive has been successfully created.



```
--bash-- 80x24  
Last login: Tue Sep 20 06:56:13 on ttys001  
-iMac:~ $ sudo /Applications/Install\ macOS\ Sierra.app/Contents/Resources/createinstallmedia --volume /Volumes/Untitled --applicationpath /Applications/Install\ macOS\ Sierra.app --nointeraction &&say Done  
Password:  
Erasing Disk: 0%... 10%... 20%... 30%...100%...  
Copying installer files to disk...  
Copy complete.  
Making disk bootable...  
Copying boot files...  
Copy complete.  
Done.  
-iMac:~ $ |
```

You can now exit the Terminal application and eject the USB drive, and perform the new install install macOS Sierra on your Mac.

Refer to the MacOS Sierra steps to install clean install on Mac using Bootable USB drive [here](#).

Refer to some of the following articles:

1. Instructions on how to install a clean install MacOS Sierra 10.12 on the Mac
1. Steps to install Windows 7 on Mac using Boot Camp

1. Summary of the list of common shortcuts on Mac OS X

Good luck!

You finished reading the article "**How to create a MacOS Sierra installed USB drive 10.12**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.
