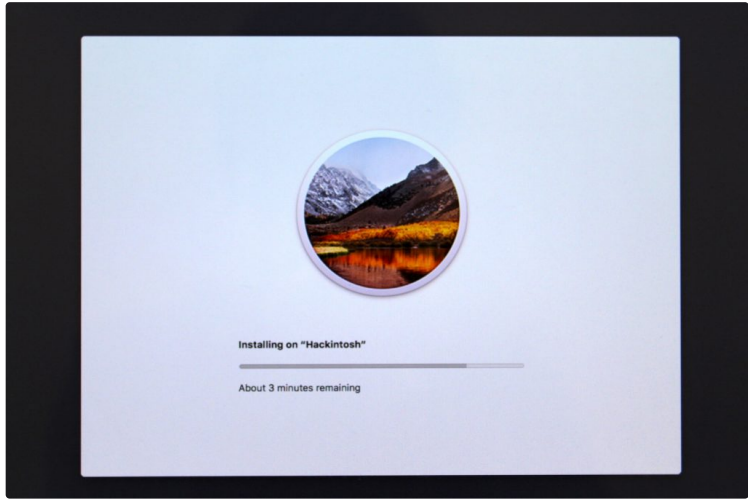


# HACKINTOSHER

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## MAC OS HIGH SIERRA HACKINTOSH INSTALL CLOVER WALKTHROUGH

[Guides](#) 🕒 October 5, 2017

Here's detailed steps on how to install macOS High Sierra on a hackintosh using the Clover method with the HFS Method.

Apple introduced a new file system called Apple File System (APFS). When High Sierra is installed the drive is automatically converted over to APFS, but there is a way to disable it easily and keep the drive as HPFS by editing an XML file during the install.

As to why a hackintosher would want to disable is because they may encounter problems where their drive isn't able to handle errors properly because they don't have Apple's custom firmware. Two out of the three times I've tried to use APFS the drive became unbootable for some unknown reason, therefore I recommend people use HFS if they want a more reliable hackintosh, however you can still use APFS if you want to play around with it. If you do make sure you have apfs.efi in your EFI and skip the APFS conversion [step](#) when you get to it

### Clover Prerequisites

To follow this guide you must have first:

- [Created a High Sierra Install Image on a USB Flash Drive](#)
- [Configured the Boot Partition of the USB Flash Drive](#)
- [Changed BIOS Settings for High Sierra Compatibility](#)
- [Clover Configurator](#) or another EFI mounter.

### Step 1: Booting the USB Installer

Boot into the UEFI of the macOS USB flash drive installer to load the Clover Boot Menu.

<https://hackintoshes.com/guides/mac-os-high-sierra-hackintosh-install-clover-walkthrough/>

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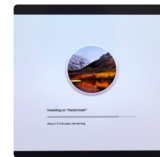
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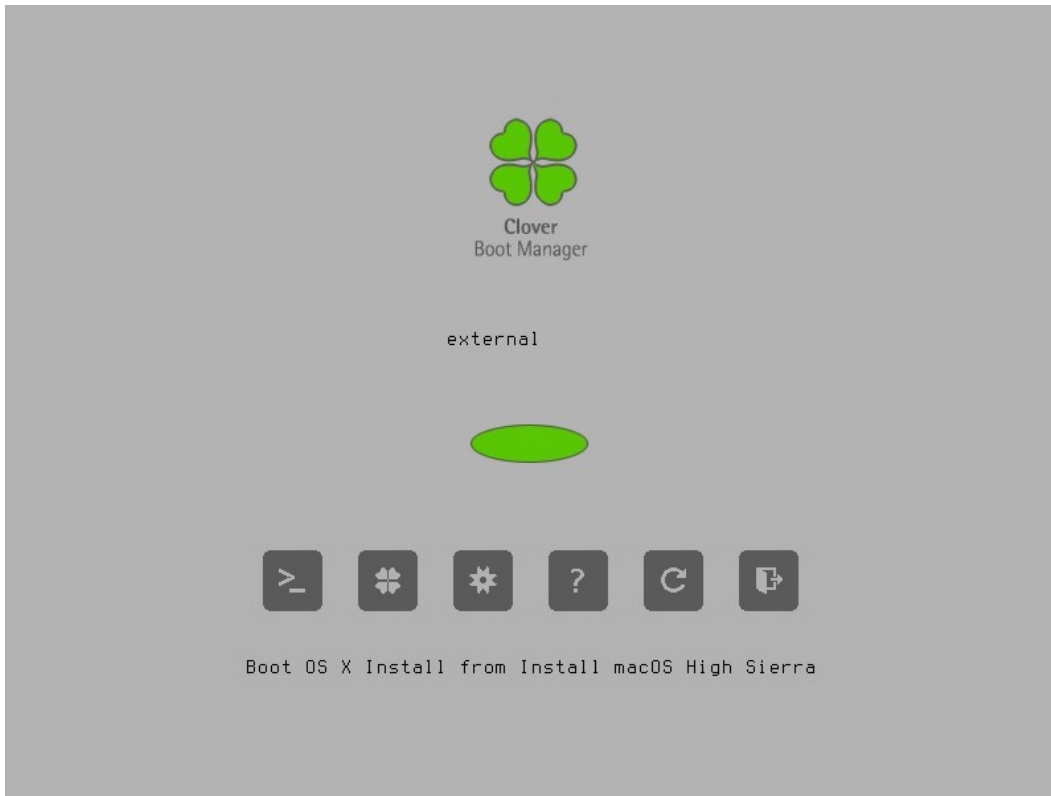
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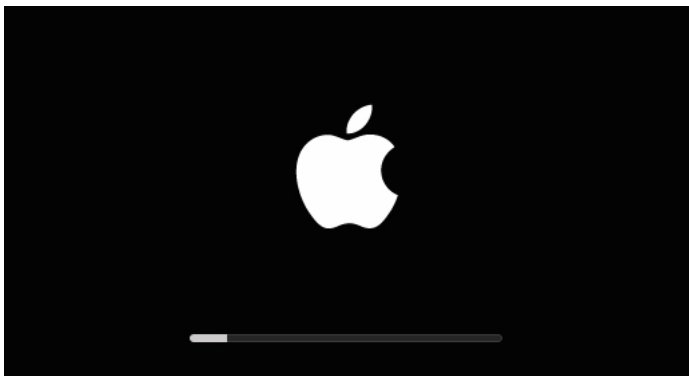
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If the USB drive isn't set as the default boot volume change the temporary boot device when the boot screen appears the button that needs to be pressed to do this is usually F10, F11, or F12. When the temporary selection screen appears Select UEFI : (USB Device Name).

1. You are now in the Clover Menu. Use the arrow keys to verify **Boot OS X Install from Install macOS High Sierra** is selected
2. Press **Enter**
3. *Installer will now slowly load...*



## Step 2: Format & Install

When the installer loads we will want to properly format the disk as GUID for hackintosh usability before beginning the install.

1. Press **Continue** when the installer appears
2. Select your language
3. Select **Disk Utility** from the install menu
4. Select **Show All Devices** from the drop down menu by pressing the View button at the top left top left corner. (Note: [NVME drive not showing?](#))
5. Select the disk you will be installing macOS and erase it with the following settings:
  - Name: (It can be named anything you want)

- Format: **Mac OS Extended (Journaled)**
- Scheme: **GUID Partition Map**



It's important to remember the name you choose for the drive if you plan to opt out of the APFS conversion

6. Press **Erase**
7. Close **Disk Utility**
8. **Install macOS High Sierra**

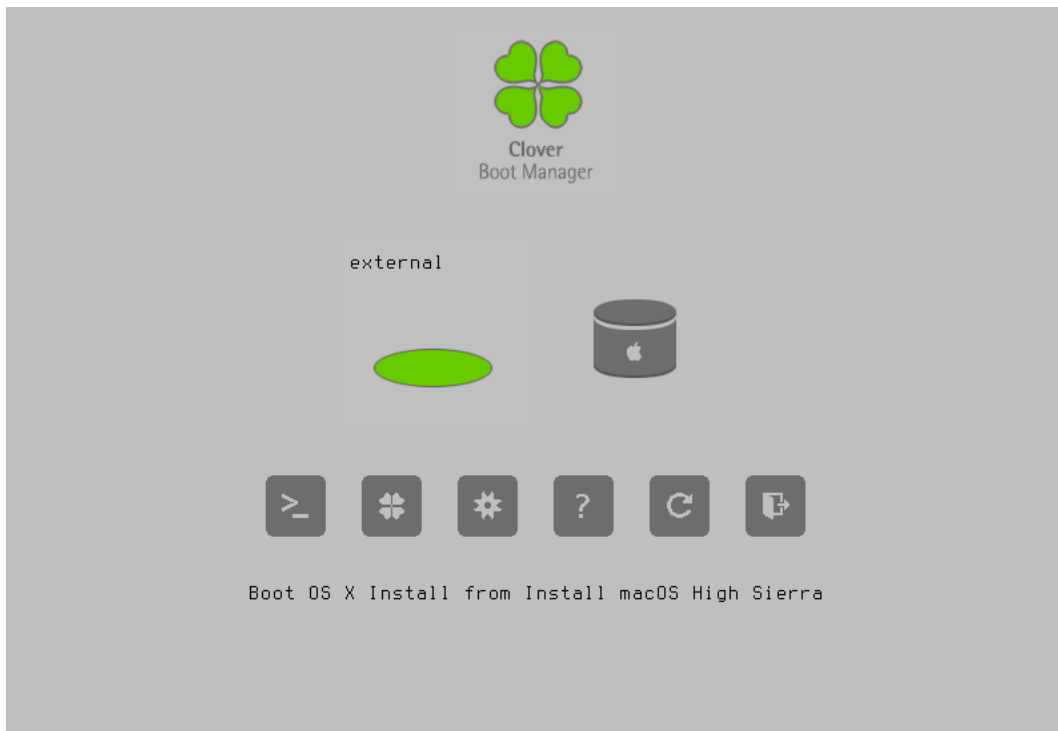
Note: While macOS is being installed screen may go black the display is just sleeping you can press a key on your keyboard or wiggle a mouse to wake screen



After the installer is finished the computer will restart and you'll want to get back into the Clover Menu.

### Step 3: Disable APFS Conversion

There is now a second option in Clover, which under normal circumstances we would select, however before that we must disable the APFS conversion from taking place. If you plan to use APFS and have the necessary apfs.efi in your EFI folder you can skip this step.



1. Select **Boot OS X Install from Install macOS High Sierra** again like you did in Step 1.
2. Open **Terminal** through Utilities at the Top Menu Bar once installer finishes loading.
3. Type the following into Terminal and **press enter** after each line is entered:

4. `ls -l /Volumes` </>

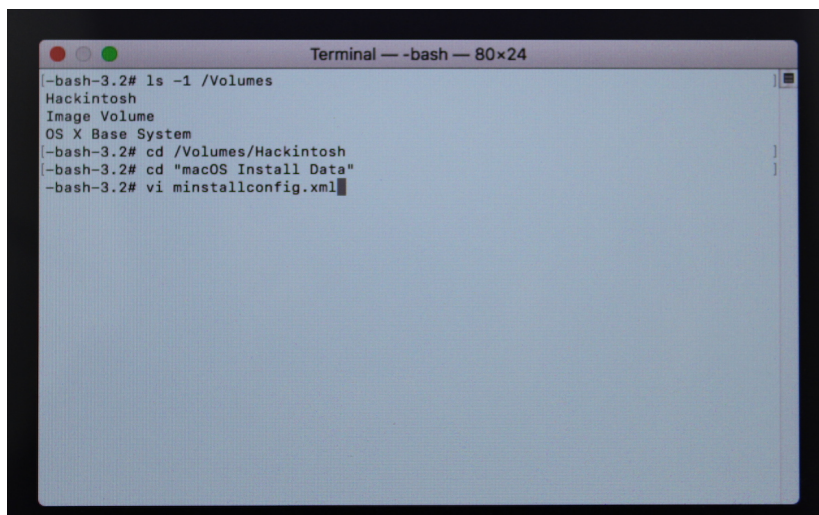
*ls -l /Volumes will list the available volumes. We want the name of the drive set in step 4.2 for the line below*

5. `cd /Volumes/Hackintosh` </>

*Replace "Hackintosh" in the line above if you named your drive something else when you formatted it as GUID.*

6. `cd "macOS Install Data"` </>

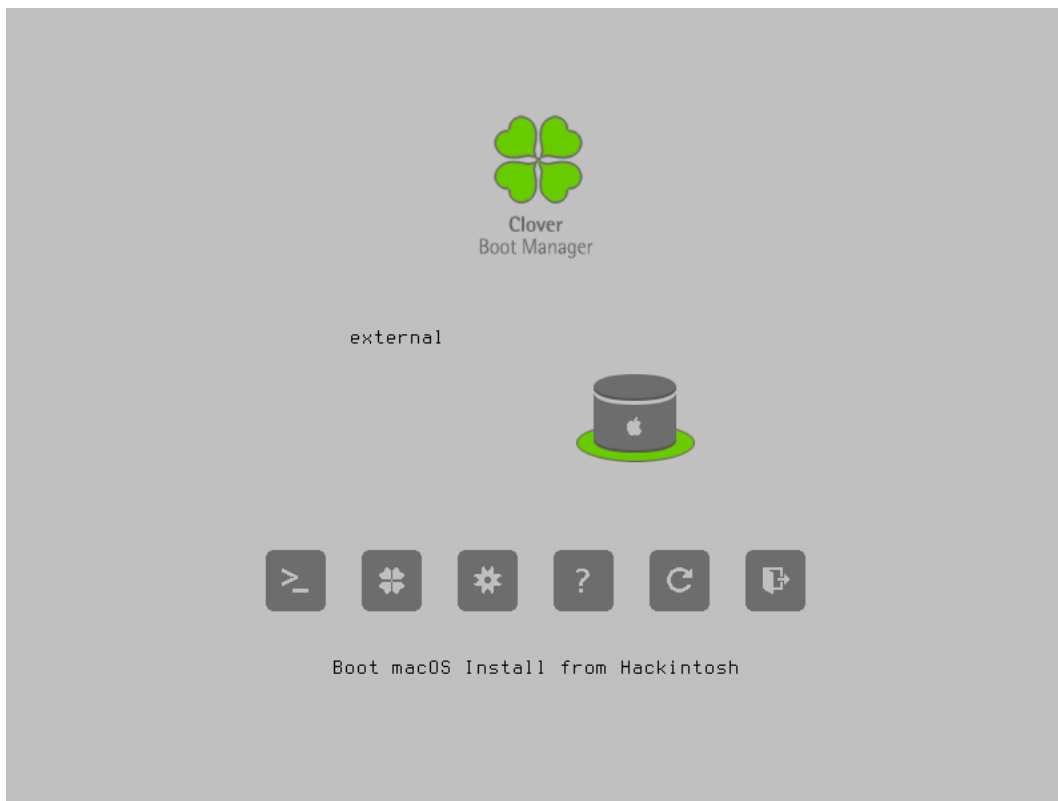
7. `vi mininstallconfig.xml` </>



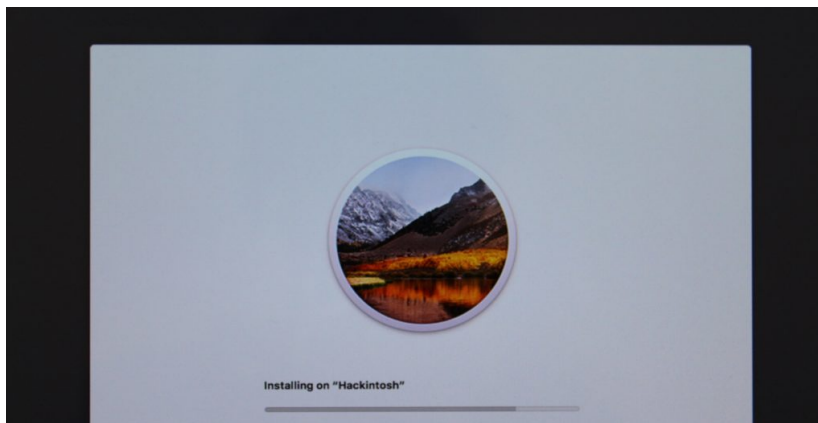
This is what it should look like in Terminal before pressing enter when the drive is named "Hackintosh"

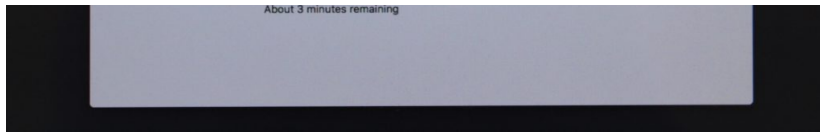
8. *mininstallconfig.xml* will populate in terminal...
9. Use the arrow keys to highlight to the 't' in true
10. Press the **DELETE** key on your keyboard **4 times** to carefully removing **t, r, u, e**
11. Type **i** on your keyboard to enter insert mode
12. Type in **false**
13. Press **Esc** key
14. If entered correctly press **:wq** to save or **:q!** if you messed up. *(If you mess up and typed :q! you can try again by reentering: vi mininstallconfig.xml)*
15. Close **Terminal** on completion
16. **Restart** computer from the Top Silver Menu Bar

#### Step 4: Complete the Installer



1. Reenter the Clover Menu on restart
2. Select **Boot macOS Install from "Hackintosh"**
3. *Setup will finish the High Sierra install...*



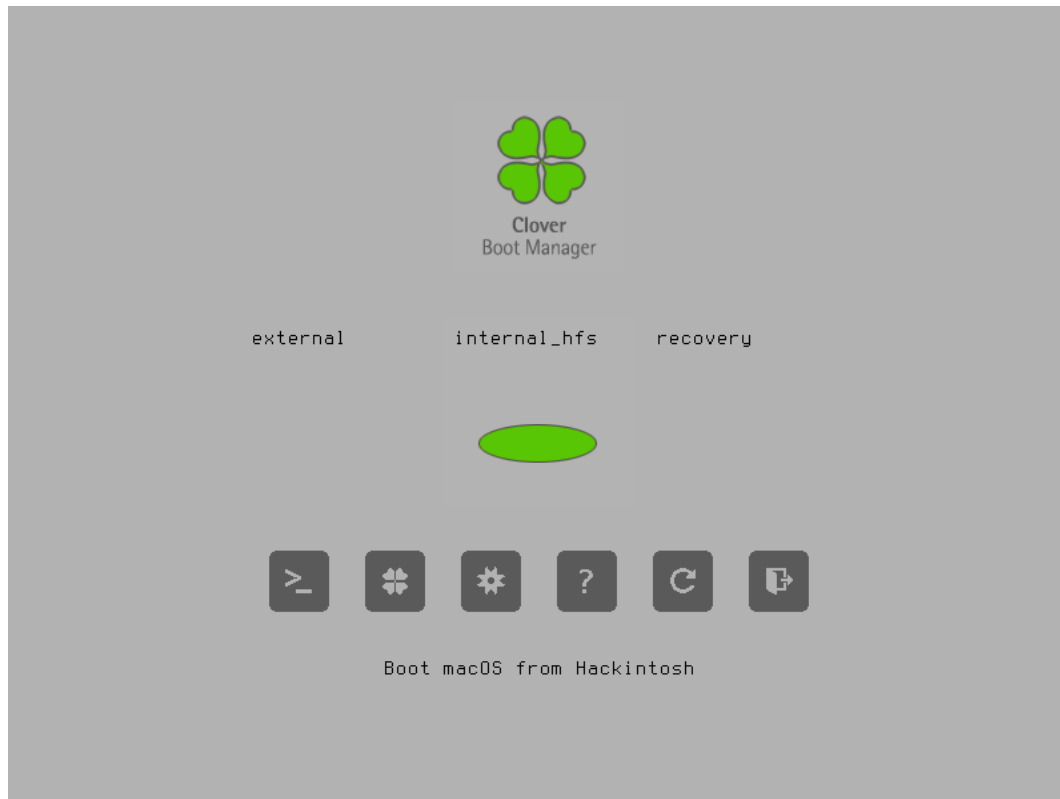


Check out [High Sierra fix – “macOS could not be installed on your computer”](#) if you get a restart error prompt instead of this pic.

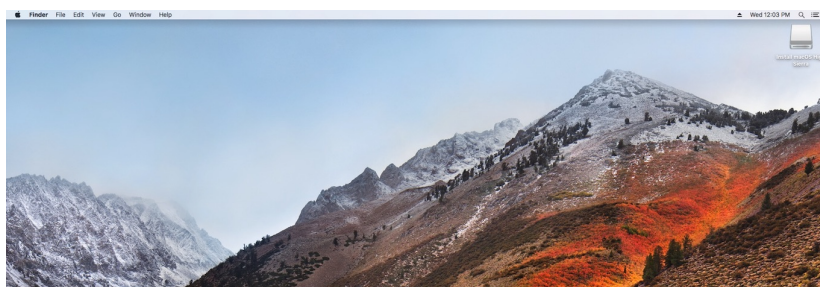
**Note:** On a 10.13.3+ installer I had to run Boot macOS Install twice the first time it rebooted with 18 minutes remaining; the second time it completed.

### Step 5: First Boot

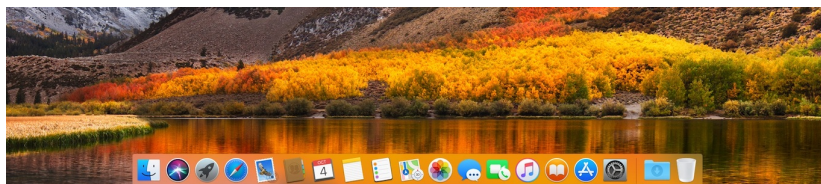
After install is finished computer will automatically restart.



1. Select **Boot macOS from “Hackintosh”**
2. Select **Language**
3. Select **Keyboard**
4. Select **My computer does not connect to the Internet**
5. Select **Don’t transfer any information**
6. **Agree** to the Terms and Conditions
7. Fill out **Login information**
8. (Optional) Choose **Customize Settings** at Express Set Up if you don’t want to be tracked.
9. *macOS High Sierra will boot for the first time...*



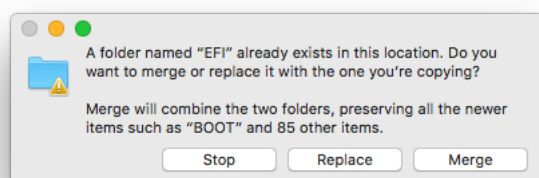




## Step 6: Configuring the EFI Partition

Now that we're in macOS we want to be able to load macOS without the USB flash drive plug. To be able to boot macOS from the drive it's installed on the folder in the EFI partition of the flash drive needs to be copied over to the EFI partition of the boot drive.

1. Open Clover Configurator
2. Mount the EFI of the Flash Drive
3. Press Open EFI or navigate to the EFI location in finder
4. Copy the EFI Folder onto your desktop
5. Open Finder and Eject the Flash Drive
6. Using Clover Configurator Mount the EFI of the Disk you just installed Mac OS on
7. Press Open EFI or navigate to the EFI location in finder
8. Paste the EFI over the existing EFI on the disk
9. Select **Merge** when it prompts you with a menu saying that the folder EFI already exists



**You will now be able to boot macOS without the USB Flash Drive**

**Recommendation:** Delete the Folder called APPLE in your EFI Folder if it exists. This folder is created automatically on EFI partition of the flash drive during the install and may cause issues for the hackintosh. The folder will eventually be recreated, however you only need to delete it once after installing macOS.

## Fully Working Hackintosh

After macOS is running on your hackintosh there may be things that aren't working such as audio, ethernet and wifi and graphics acceleration. **If you followed one of our [Build Guides](#) return to that guide in order to get everything working.** Otherwise check out the [guides](#) on how to get various things working.

## Leave a Reply

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99 Comments on "Mac OS High Sierra Hackintosh Install Clover Walkthrough"

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Join the discussion

**Andrea Michelin**

Hello, really good guide. I'm getting stuck at:

```
IOConsoleUsers: time(0) 0->0, lin 0, ilk 1,  
IOConsoleUsers: glOScreenLockState 3, hs 0, bs 0, nov 0, sm 0x0
```

flashing on the top of the screen.

This is happening during the first boot.

After installing High Sierra on MSI B250I with Intel Pentium G4600.

Any possible solution?

Many thanks,

Andrea

[↩ REPLY](#)[🕒 11 months 6 days ago](#) [^](#)**5700**

I've got the same situation on laptop asus ux501vw / n501vw.

Any solution?

[↩ REPLY](#)[🕒 10 months 15 days ago](#) [^](#)**Anonymous**

Try -disablegfxfirmware

[↩ REPLY](#)[🕒 10 months 12 days ago](#)**idaima**

Me too, do you solve it ?

[↩ REPLY](#)[🕒 8 months 25 days ago](#)**JALA**

Use "Switch ResX" Tool to solve flashing the screen.. Google it and Download...

[↩ REPLY](#)[🕒 6 months 22 days ago](#)**Akula**

I have a problem on the step 3

3. Setup will finish the High Sierra install...

Boot loop after half of boot line under apple logo. whats wrong with pc?

[↩ REPLY](#)[🕒 11 months 6 days ago](#)**Jason**

I don't see true in mininstallconfig.xml, can you post a screen cap?

[↩ REPLY](#)[🕒 11 months 3 days ago](#) [^](#)**Hackintoshes**





<http://hackintoshes.com/wp-content/uploads/2017/10/mininstallconfig-true-highlight.jpg>

↩ REPLY

🕒 11 months 1 day ago



tim

there is no true in installconfig

↩ REPLY

🕒 11 months 2 days ago ^



Hackintoshes

<http://hackintoshes.com/wp-content/uploads/2017/10/mininstallconfig-true-highlight.jpg>

↩ REPLY

🕒 11 months 1 day ago



jason

i got stuck at step2 it just restarts after trying to load the installer, any thoughts?

↩ REPLY

🕒 11 months 8 hours ago



SeriusNtentions

Here is my build:

<https://ca.pcpartpicker.com/user/SeriusNtentions/builds/>

Thank you for your guide and prepared EFI! This is my first Hackintosh which is replacing my 2008 MacPro. I followed your instructions and everything worked smoothly! Now I have to figure out how to also make it work with windows. I am guessing that a regular bootcamp install method will not work. Do you have a guide for HS with Win 10? Thanks

↩ REPLY

🕒 10 months 29 days ago



Dwin

All went well and worked for a day.

Now it is in restart loop. After selecting internal\_hfs from clover boot menu it just restarts.

↩ REPLY

🕒 10 months 26 days ago ^



Dwin

Booted into recovery, have run first aid on the macOS volume and restarted. It's back to normal now.

↩ REPLY

🕒 10 months 26 days ago



toto

after correctly finished step 2, I couldn't see OS X, "Boot macOS Install from "Hackintosh" ". I'm using Alienware r6, with formatted 960 evo SSD. (i7 7700K, GTX1080)  
Do you have any idea why clover doesn't show OS X installer.

↩ REPLY

🕒 10 months 25 days ago ^



Hackintoshes

One cause of that is when the first part of installer doesn't complete properly.

↩ REPLY

🕒 10 months 25 days ago ^



**toto**

Thank you. I did completely inatalled with 850 evo not 960 evo. I'm not sure why but only when I use 850 evo I could see boot and installed.

However, only one problem I have is can't install Nvidia web driver.

After install web driver w SIP enabled(0x00), doesn't boot, stuck after Apple logo.

↩ REPLY

🕒 10 months 25 days ago



**Eddi**

Is there an other cause?

I am getting this problem too. Did all the steps successfully but I can't ever see the boot macOS drive.

↩ REPLY

🕒 8 months 10 days ago ^



**Hackintoshes**

We can do a process of elimination. It's either the EFI, the install, the USB port or a bad flash drive or the way the motherboard is configured.

Try replacing your flash drive EFI with this one and see if it shows up

[http://hackintoshes.com/wp-content/uploads/2018/01/Hackintoshes\\_4359\\_Desktop\\_EFI.zip](http://hackintoshes.com/wp-content/uploads/2018/01/Hackintoshes_4359_Desktop_EFI.zip)

↩ REPLY

🕒 8 months 10 days ago



**MoXyLe**

What should I do, installer see my disk, but it shows as not mounted, but I know that he is mounted, so I can't erase it and install macos, how can I fix it?

↩ REPLY

🕒 10 months 8 days ago



**MoXyLe**

Everything is fine!

↩ REPLY

🕒 10 months 8 days ago



**Anonymous**

Hi,

I have NVME Disk Samsung 960 evo and I cannot move to second part of installation.

After first stage where I could see my drive and select it as installation target PC gets restarted but once Clover menu pops up I can see only external (USB) drive

↩ REPLY

🕒 10 months 4 days ago



**Matt**

What is :wq or :q!

↩ REPLY

🕒 10 months 9 hours ago ^

**Hackintoshes**

It's what you type in when you're done making edits after pressing ESC key

↩ REPLY

🕒 9 months 30 days ago

**Paul**

Thank you so much. After many sleepless night. Following your tutorial works..

↩ REPLY

🕒 9 months 27 days ago

**Vizvin**

Hey,  
Thanks for the guide. I have a NUC 5i5RYH (broadwell). Could you help me with an EFI folder for the same?  
Thanks in advance.

↩ REPLY

🕒 9 months 27 days ago

**Lucivan**

sorry English, My hackintosh is running everything audio, video and network. but sometimes it restarts out of nowhere, especially when it gets long dominion period. what can I do ?

↩ REPLY

🕒 9 months 9 days ago ^

**Hackintoshes**

Disable Wake on LAN and Power Nap in System Preferences

↩ REPLY

🕒 9 months 9 days ago

**BobbyFrench**

Damm bro, I did it with my Intel NUC skull  
here is the specs, it works f\*\*\* good, but I don't have the bluetooth working and the audio, need to look at this..  
version 10.13.1 (17B1003)  
Model Identifier: iMac17,1  
Processor Name: Intel Core i7  
Processor Speed: 2.59 GHz  
Memory: 32 GB  
Chipset Model:  
Intel Iris Pro Graphics 580

↩ REPLY

🕒 9 months 7 days ago

**galileo**

starts at Apple logo half way progress bar get something like small gear circle and all freeze, any ideas? I am using H P laptop i5-7300HQ

↩ REPLY

🕒 8 months 29 days ago

**Mike**

bis jetzt die beste anleitung die ich im web gefunden habe ,selbs mit übersetzung in deutsch kein

problem! danke

↩ REPLY

🕒 8 months 28 days ago



**Reelevant**

Hands-down, no-nonsense, best tutorial on installation of Clover + (High) Sierra. Your tip of creating Install USB flash drives did that, thank you. I made a few to have around, these things are very volatile. And finally, after two months of living off the USB someone tells it how it is and gets me on a local hard drive. Bliss :))

↩ REPLY

🕒 8 months 27 days ago



**Jason**

Ok macOS 10.13.1 successfully installed! Mac Store now shows I can update to 10.13.2, can I do it through Mac Store or no?

↩ REPLY

🕒 8 months 22 days ago ^



**Evrins**

you can backup your whole system with Carbon Copy Cloner before upgrading to a new version of macos  
just restore from backup if failed  
do not forget to make the backup disk bootable

↩ REPLY

🕒 8 months 19 days ago



**Evrins**

Thank this guide for saving me from banned sign with unibeast created usb installer

↩ REPLY

🕒 8 months 19 days ago



**Ryan**

Whenever I run terminal I get an error when inserting the line `cd /Volumes/Macintosh SSD` It tells me "No such file or directory" However, I've named my drive Macintosh SSD and it shows up in the Image Volume as such. Thanks for your help!

↩ REPLY

🕒 8 months 19 days ago ^



**Ryan**

I solved my own problem thanks to Google. If anyone experiences this same problem it is due to having a space in the name of your drive. If there is a space you need to have a after the first word. In my case the terminal line looked like this:  
`cd /Volumes/Macintosh SSD`

Sorry if everyone already knows this haha. Hopefully it helps someone else on the same rookie level as me 😊

↩ REPLY

🕒 8 months 19 days ago



**Lucas**

I am stuck at the beginning after pressing Boot OS X install from install macOS. The Apple logo appears with a line under loading up the installer. After 2/3 of the way done the logo and line disappear and displays a circle with a slash in the middle. My specs are MSI Z270i Gaming pro

carbon ac itx, intel core i5 6600k, gtx 1080

↩ REPLY

🕒 7 months 30 days ago ^



#### C++ developer who loves OSX

You will most likely need to do adjustments to your drivers using Clover.  
I have GB-BXi7-5500 and for Intel HD5500 video card I had to follow this

<https://noobsplanet.com/index.php?threads/intel-hd-5300-5500-and-6000-graphics-fix-for-hackintosh.13/>

try googling and finding if anyone successfully installed Mac on your hardware .

Now , I can't say that "Circle With Slash" aka prohibition sign (

[https://en.wikipedia.org/wiki/No\\_symbol](https://en.wikipedia.org/wiki/No_symbol)) will go away forever 😊

I am getting it periodically on reboot even now , however my GiGabyte Brix boots up 8 out of 10

and it fully operational with High Sierra 10.13

↩ REPLY

🕒 5 months 4 days ago ^

#### Inoran

i also have this problem where after booting the usb install of high sierra, I get a circle with slash symbol half way through loading.

My build is

Gigabyte z370xp sli

i7-8700k

amd sapphire rx 580

16gb ram

I had this same issue when I tried to install this way on a different build. I have tried using both a thumbdrive and on an sd card on a card reader and get the same results. Any help would be appreciated.

↩ REPLY

🕒 3 months 22 days ago

#### kicsiii

Hey Guys! Im very grateful to find your website. You give me inspiration to build a new Hackintosh! I read everything and now i order the parts for my new FCPX editor Hackintosh.

↩ REPLY

🕒 7 months 22 days ago



#### Geza

Excellent, very detailed and well written. Thank you!

after the bit DISABLE APFS CONVERSION : 12.Type in false

I would suggest you mention the "Esc" key to exit vi insert mode. Otherwise people not familiar with vi will be cursing you : )

For me everything went smooth until I tried to boot from my Samsung 500GB 960 Evo PCIe NVMe

It says : "Reboot and Select proper Boot device" I go an figure what I have done wrong : )

↩ REPLY

🕒 7 months 11 days ago ^



#### Geza

Working now ... was my fault I didn't created EFI folder on the EFI mount before copying the files over : )

So everything works for more less the first time. Except sleep ... but I don't suppose there

is a fix for HD630 for sleep with Kaby Lake.

I have been fighting Unibeast and Multibeast for weeks now and not able to get to this stage.

Thank you again ! : )

↩ REPLY

🕒 7 months 11 days ago



**Hackintoshes**

Thanks for noticing I totally missed that!

↩ REPLY

🕒 7 months 10 days ago ^



**Geza**

Well you have not missed anything else : )

I got one issue which really bugs me ....

Something is wrong with the iGPU. The processor is i5-7400 with HD630.

When I do any any graphic intensive tasks it disconnects the display. I am connected via DP. It is 4K monitor. So the screen just goes blank and then after a few seconds comes back. Seems like it is lacking of "Buffer" maybe VRAM ?

Especially bad with Google Chrome Inspect Elements.

I am struggling to find the right keywords on google and a solution for this.

Does this problem sound familiar to you ?

If so would you mind pointing me in the right direction ... : )

Thank you !

↩ REPLY

🕒 7 months 10 days ago ^



**Hackintoshes**

I had an issue like that before and the problem ended up being a bad display cable. Also when using 4k displays increase the DVMT-Pre Allocated in BIOS to 256MB+

↩ REPLY

🕒 7 months 8 days ago ^



**Geza**

I will try and change the DVMT-Pre. I have tried 3 different cables and also I have a macbook pro which works fine with the existing cables any one of them. Thank you : )

↩ REPLY

🕒 7 months 8 days ago



**Geza**

Just for others if you are reading this it was not the cable. I could never resolve the graphic glitches with the iGPU. After getting a Sapphire RX 580 GB these issues seem to have gone. The iGPU would have graphic glitches as well as disconnection problems to the 4K monitor for some reason or an other.

↩ REPLY

🕒 5 months 15 days ago

**David Dziak**



Followed instructions for copying EFI from USB installer to HD on new build using Clover configurator, but no config.plist warning keeps showing. Cannot boot from internal drive. Any help?

[↩ REPLY](#)[🕒 7 months 9 days ago](#)**Marcos Mansilha**

Hello. First of all a hugeeee thank you! I had tried to put together a hackintosh machine earlier but with big struggles tons of research and little to no success. This time I stuck to your guides and wow, I actually installed it at first try with literally no problems. So the installation until the Mac OS booting is all fine, os works fine, all great. Now two things missing, one kinda annoying. First a most important, I followed this exact guide and everything went smooth until the "easiest" part of getting the usb efi folder to Mac disk partition. I did that exactly as shown, but for some reason my ssd doesn't even show up in my bios boot options, damn it doesn't show up at all. But with the flash drive I can boot into clover and from there get into Mac OS without any trouble. So my problem right now is to get my hackintosh disk recognisable/bootable. Any advices?

[↩ REPLY](#)[🕒 7 months 9 days ago](#) [^](#)**Marcos Mansilha**

Oh and a quick note that might be important. I do have a second windows ssd. At this moment and after a totally clean installation, I got EVERYTHING to work. All with guides from you guys. Rebooted machine like 100 times without one single error, thanks to your guide got older graphics card working fine after some tweaks. I mean, it couldn't be better.

The only thing at the moment is only being able too boot through clover with flash drive. I mean at last option I can just leave this usb to be plugged in the back and work as my boot. But would highly prefer to get it on one of the ssd's.

Will just wait for your reply 😊

[↩ REPLY](#)[🕒 7 months 9 days ago](#) [^](#)**Hackintosher**

Yooou missed the step where you are suppose to transfer your EFI partition of the flash drive to the EFI partition of the SSD. You mount both EFI partitions using Clover Configurator.

[↩ REPLY](#)[🕒 7 months 8 days ago](#) [^](#)**Marcos Mansilha**

Hey. First of all thanks a lot for the reply. But no bro, I did that. Several times, different tries. Both efi partitions exist and I did as they are EXACTLY the same in both the hackintosh disk and flash drive. But for some reason my mackintosh disk still doesn't appear on bios at all. Actually in the meantime I ended up screwing my windows boatloader as well, can't boot too windows even with clover. But thats a different (easier) thing ill figure later. Now I'm still using hackintosh and everything is a charm. Just this problem missing... Any ideas?

[↩ REPLY](#)[🕒 7 months 8 days ago](#)**C++ developer who loves OSX**

I am having same issue. Both "High Sierra" and EFI on flash drive . However , when booting from this flash drive "Clover" boot loader does not see "High Sierra"  
Any clue ?

I've done all BIOS settings as recommended except my BIOS does not have "Other OS" option, it only has "Windows7/Windows8"

Much appreciated if someone has clue how to solve it.

Also, when I use this flash with Clover boot loader on my Linux machine with preinstalled Ubuntu, the Clover recognizes EXT3 bootable partition on my SSD.

There must be something wrong with the way I put Mac installer on the flash?

```
sudo /Applications/Install\ macOS\ High\
Sierra.app/Contents/Resources/createinstallmedia --applicationpath
/Applications/Install\ macOS\ High\ Sierra.app --volume
/Volumes/Hackintoshes/
```

↩ REPLY

🕒 5 months 5 days ago



**MrSanc8**

Hello... my installation gets stuck in black screen with the white apple logo. Just stays there. Any ideas on what I'm doing wrong?

I read in some forums that I need to use a USB 2.0 port, but my built does not have any?

Thanks for the help!

↩ REPLY

🕒 7 months 8 days ago



**frank zhao**

Dear, Hackintoshes, after completed install, only boot from usb, I follow the guide and copy EFI folder to MACOS EFI, but MAC couldn't be boot by BIOS. I don't know why...And I compare disk and usb by diskutil lists, same have "GUID\_partition\_scheme" and "EFI".

↩ REPLY

🕒 7 months 3 days ago ^



**frank zhao**

I use intel nvme, 760p, whether nvme not support booting from EFI?

↩ REPLY

🕒 7 months 3 days ago ^



**Hackintoshes**

You have to select the UEFI: partition of the drive to boot press f11 on boot to select.

↩ REPLY

🕒 7 months 3 days ago ^



**frank zhao**

Thanks Hackintoshes remind! Looks like the UEFI partition only appear by f11, I couldn't find this partition in bios. Anyway, macos work normal now by your guide!

↩ REPLY

🕒 7 months 2 days ago



**uyuyu**

Step 6

6.Using Clover Configurator Mount the EFI of the Disk

I don't see my internal boot drive displayed in the EFI Partition section in CLOVER?

Therefore I can't copy the EFI in usb drive to local OSX 10.11 drive..

Any fixes?

↩ REPLY

🕒 7 months 2 days ago ^



**uyuyu**

😞 Need help pls! I can't mount EFI drive from my SSD. Currently just booting via my thumbdrive ( where I installed High Sierra.... 😞

↩ REPLY

🕒 6 months 29 days ago



**DiZ**

hello, thank's for all what you do  
You're web site is amazing  
but when I run the bootable key the apple screen is displayed and reboot after 75 percent load  
(The glitch screen and the menu clover reopens)  
I tried several times to restart the installation but nothing helps.

↩ REPLY

🕒 5 months 15 days ago



**DiZ**

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↩ REPLY

🕒 5 months 15 days ago ^



**DiZ**

Problem solved.  
with an MSI z370 tomahawk, use the file "config.skylake".  
Everything works fine, some trouble with my screen when I go to fullscreen.  
but my USB and ethernet works fine, for audio I use a "Focusrite", no problems.

Thank's again for your website, and the instruction  
when I'm rich I'll come and see you

↩ REPLY

🕒 5 months 13 days ago ^



**MJNiazi84**

Hello Hackintosher earlier I have Installed 10.12.6 in 4th Gen 4790K with ASUS H-97 Pro Gamer.

but I now I upgraded to i5 8600K with MSI Z370 Gaming Pro Carbon and 16 Gigs of RAM single chip with two SSDs one of ADATA 250 GB for Windows 10 and one spare of Kingston 120 GB which I am using for mac installation.

I created boot with Unibeast and download macOS High Sierra 10.13.3. with high sierra Patcher. I used your EFI Folder for coffee lake when I reached at clover bootloader I have selected -v and nvda disable.

my first try reached upto 20% of Installation with installer log is that no native mechanism and stuck with 3 Hours and 38 minutes after waiting for half an hour I reset and start windows 10.

what should I do.

↩ REPLY

🕒 5 months 3 days ago ^

**blaze**

Well there's your problem...macOS doesn't support 8th gen GPUs yet. You might need to fake your CPU id (a quick google will tell you what you need to do)

[↩ REPLY](#)[🕒 4 months 5 days ago](#)**Vlada**

Hello,

Would anyone be so kind to explain me why not seeing on Clover Menu "Boot OS X Install from Install macOS High Sierra". I did everything as explained on the site. Did I miss something? Thanks a lot.

[↩ REPLY](#)[🕒 5 months 11 days ago](#) [^](#)**Rebel**

I have exactly the same issue. Did all the steps (macos high sierra installer, EFI folder, BIOS settings) but not getting the "Boot OS X install" option.

[↩ REPLY](#)[🕒 5 months 6 days ago](#) [^](#)**Rebel**

Searching hours on google and finding nothing, 7 minutes after adding a comment here I do another search and find the solution 😊

Plugin the installer USB and remove the file ".IAPhysicalMedia".

item command: `rm -f "/Volumes/Install macOS High Sierra/.IAPhysicalMedia"`

After this plugin the USB in your hackintosh and boot up, the "Boot OS X Install from Install macOS High Sierra" option should be there.

[↩ REPLY](#)[🕒 5 months 6 days ago](#) [^](#)**C++ developer who loves OSX**

Kudos to Rebel ! Omg I wish I saw your post much earlier spent all week-end figuring out . Your work around surely works , my boot loader all of the sudden sees Mac OS installation on my flash drive after I removed /Volumes/Install macOS High Sierra/.IAPhysicalMedia

Any information what this file is for and why it was causing boot loader to choke ?

[↩ REPLY](#)[🕒 5 months 5 days ago](#) [^](#)**long**

omg thanks so much! it works

[↩ REPLY](#)[🕒 5 months 3 days ago](#)**Vlada**

Thank u so much! 🙏 It works.

In earlier versions, there were no such problems when creating the usb boot disk. Anyway, it works smoothly with the apfs file system.

[↩ REPLY](#)[🕒 5 months 3 days ago](#)

**Vlada**

I also found the same explanation as Rebel say for that in tonymacx86 site. The problem started to happen with version 10.13.4 mac osx, in version 10.13.3 there were no such problems, either creating a bootable usb with a unibeast or clover method.

↩ REPLY

🕒 5 months 3 days ago

**tim**

is there any reason I cannot use this process to install macOS on an external usb 3.0 flash drive and speed up my old mac mini? I got as far as the clover boot screen, then hit enter, and everything goes black.

↩ REPLY

🕒 5 months 11 days ago ^

**blaze**

Is it a PowerPC Mac Mini? If so, nothing that new will work. I think you might need 10.6 or something. Also, USB3.0 will be not as fast as your internal hard drive.

↩ REPLY

🕒 4 months 5 days ago

**Burg**

I appreciate the guides. I'm attempting to install High Sierra but when I boot to USB clover does not show me the option of Mac OS, all I get is the clover menus? I've remade the USB a few times and have had no luck as of yet. Any suggestions?

↩ REPLY

🕒 5 months 3 days ago ^

**Kuba**

I found this and it helped in my case;)

Think I found a fix for new bootable media with High Sierra 10.13.4

```
sudo /Applications/Install\ macOS\ High\ Sierra.app/Contents/Resources/createinstallmedia --volume /Volumes/MyVolume --applicationpath /Applications/Install\ macOS\ High\ Sierra.app
```

3. Install Clover

2. Delete .IAPhysicalMedia from Install macOS High Sierra

Code (Text):

```
rm /Volumes/Install\ macOS\ High\ Sierra/.IAPhysicalMedia
```

The install volume is now visible for Clover

↩ REPLY

🕒 5 months 2 days ago ^

**Jonathan**

Can you do step 3 after the install is complete? I accidentally selected the wrong option and completed the install before disabling APFS conversion

↩ REPLY

🕒 5 months 2 days ago

**anniel**

Hello, I have a Dell Latitude E6430 with an Intel Core i5 3380M, I start the process ok, but when it

finish loading in the apple logo it shows a negative icon. what I'm doing wrong?????

↩ REPLY

🕒 4 months 10 days ago

### Anthony

Hope you are still around to respond.

Why no img of before and after?  
vi mininstallconfig.xml

bc I don't see anything thats "true"

And the other issue is my Intel Graphics from the i5 8600K is having glitches, worked fine during installation but after the 1st or 2nd boot after the so called "Vi .xml -true/false" Is very Glitchy.

My sound works right away but after making or try alterations, becomes less glitchy but still glitchy enough that my audio from my HDMI goes out.

I've also tried different "ig-platform-id" works slightly bit but still glitchy, same motherboard I believe.

Asus TUFF Z370-Pro Gaming

No graphics card, just the CPU. Been trying to get this to work for roughly 2 months or so after failing to attempt the unibeast rout to just to get into the installation.

↩ REPLY

🕒 4 months 1 day ago ^



### Hackintoshes

This has more information on vi mininstallconfig.xml

<https://hackintoshes.com/guides/how-to-opt-out-of-apfs-in-high-sierra/>

For the i5-8600k UHD 630 graphics change your SMBIOS to iMac 18,1 to avoid the graphical glitches <https://hackintoshes.com/guides/fix-coffee-lake-uhd-630-igpu-from-glitching-hackintosh/>

For the ASUS motherboard click FixHDA in config.plist under ACPI -> Fixes , Verify UseIntelHDMI is checked under Devices, Download CodecCommander.kext and add it to EFI/Clover/kexts/other <https://hackintoshes.com/kexts/>, Update AppleALC.kext and Lilu.kext, Experiment with Different Audio ID's Inject if you have problems with audio still being distorted with ALC887

↩ REPLY

🕒 4 months 1 day ago



### alex

i managed to get all the way to the end of this but i cannot boot from the harddrive on which OS X was installed. it's giving me a "Reboot and Select proper Boot device". strange right? I mounted and copied the EFI folder as per instructed. any ideas?

↩ REPLY

🕒 4 months 15 hours ago



### Carlos

So now I have an issue that when the Installer first loads, Its asking me to "reinstall" instead of "Install". When I click it to install, its not seeing my Install OS or something because it wants to connect to the server. Should I just continue with the download or did I do something wrong earlier?

Thanks for the help and the detailed instructions!

↩ REPLY

🕒 3 months 10 days ago ^



### Gregor





I hope someone gets back to you Carlos — I have the exact same problem: everything seemed to be going fine up to the point when I use Disk Utility to create the partition on the drive I want to install OS X on, but when i close Disk Utility i then only have the option to reinstall MacOS but not a fresh install.

↩ REPLY

🕒 3 months 1 day ago



**William**

I need help, pc keeps restarting when apple logo appears (the loading bar doesn't show).

Here's my config :

- ASUS PRIME Z370-A
- Intel i7 8700K
- 2X8GB Gskill RipJaws V
- Sapphire Pulse RX 580 8G

I followed this guide : <https://hackintoshes.com/guides/high-sierra-install-full-guide/> to make the EFI Folder.

(The version of High Sierra I downloaded is 10.13.5, earlier versions are not on the mac app store anymore)

↩ REPLY

🕒 3 months 1 day ago

**Ansh**

I do not see an option for "Boot OS X Install from Install macOS High Sierra" in the Clover menu. I am using an MSI Z370 PC PRO, Intel i5 8600k, and EVGA GTX 1070 SC

(PLEASE HELP)

↩ REPLY

🕒 2 months 30 days ago



**Danbearpig**

Thanks for the guide! I've followed the instructions exactly up until booting to the USB installer. The Apple logo appears, progress bar goes halfway, then I get the prohibited sign (circle with slash) and it stays there (it occasionally flickers briefly as if it decided either to refresh or try again and just shows that sign again). I tried adding -v to Clover boot options to get verbose mode, and it works except as soon as it gets stuck the text gets scrambled so I'm not sure what the log says.

I've got Asus Maximus VII Gene, i7-6700K, and a 1080-Ti (though I'm trying to boot with Intel integrated graphics and will install NVIDIA web drivers later; it worked with my Sierra install, but High Sierra refused to install the upgrade so I'm doing a clean install on a new SSD).

↩ REPLY

🕒 2 months 26 days ago



**Nikita**

thanks!!!!

↩ REPLY

🕒 2 months 22 days ago



**Alex Hirlinger**

Tried to follow this guide exactly along with your build for the ASUS ROG Maximus Hero X. I have the same motherboard, and CPU, but my graphics card is a Sapphire pulse Radeon RX580.

I followed these instructions exactly to remove the APFS from my boot drive.

I then updated all BIOS settings as you recommended, but my computer continually freezes on the apple logo with the progress bar trying to boot from my "Hackintosh" drive that High Sierra is installed on (booting through the USB still).

I tried to use Verbose to try and diagnosed the problem and it didn't work after multiple tries, but it randomly worked after multiple tries and using the following settings in Clover: USB injection, USB

randomly worked after multiple tries and using the following settings in Clover: USB injection, USB ownership, CPU Halt Enabler and pressing the space bar and enabling Verbose mode and Safe Mode and deselecting "set Nvidia to VESA".

When getting into Multibeast I began to attempt to install the correct drives that you recommend, but it gave me the install failed error. Checked the multibeast.logs and it says that Clover\_v2.4k failed to install. After some looking online apparently you can't install the UEFI drivers through Multibeast when in safemode... Unfortunately this is the only way that I'm able to get into the Mac Desktop.

I'm totally stuck and have spent multiple days trying to figure this out. Any help would be greatly appreciated.

↩ REPLY

🕒 2 months 22 days ago



**Caio**

How long does it take in the beginning, after the "Boot OS X Install from Install macOS High Sierra is selected"? I've been here for a long time, and the bar is empty, didn't move at all.

↩ REPLY

🕒 2 months 19 days ago



**James Thorderson**

Hey i cannot get network to work.

i7 7700K, Asus H170-Pro, GTX 1070, onboard LAN

Setup worked great and I'm at the desktop, just curious why we were supposed to choose "My computer does not connect to the internet", I've tried using Multibeast to add Network drivers for all the different variations (removing the failed ones after each attempt) and none have worked. In Network Settings Ethernet shows "Not Connected: The cable for Ethernet is connected, but your computer does not have an IP address" and every 5 or so seconds will switch to saying "Cable Unplugged: Either the cable for Ethernet is not plugged in or the device at the other end is not responding."

Thanks

↩ REPLY

🕒 1 month 14 days ago ↗



**James Thorderson**

My router is an Airport Extreme, my computer is plugged directly into it. My other mac mini plugged over ethernet to the same router has no issues. No issues with other devices on wifi either. Not sure if this has anything to do with it

↩ REPLY

🕒 1 month 14 days ago



**velodork**

Hi! Im new here and after trying several installs with several versions of Mac OSX with several methods, I'm happy to say that yours has worked for me the best yet!

Everything looks great and my machine is BLAZING, however- I'm missing wifi/bluetooth and hdmi/DP audio. Ive tried the fixes here which haven't worked... Im pretty sure I know the kexts to use as there are specific instructions for my mobo on another forum, I'm just having a hard time integrating what I need specifically for my board with your install guide/pre loaded EFI folder. I tried installing the kexts post install and nothing worked, whereas the kexts DID work using the other method (but graphics were jacked). Im super new and I would appreciate any advice/direction on how to integrate these sources into one clean install... TYIA!

AsRock Fatal1ty z170 itx/ac gaming

i5-6600k

Asus GTX 1060

↩ REPLY

🕒 1 month 10 days ago

**thanseer**

After install is finished. it showing cross through circle( prohibited logo) on screen, tried using -v and -x its not works any solution  
 My Hardware : core i7 8700 CPU  
 Gigabyte z370-hd3p motherboard  
 gtx 1080 gpu  
 16 gb ram & samsung 860 evo 250gb ssd

↩ REPLY

🕒 1 month 7 days ago

**Duane Zingale**

Thanks for the guides, I 'm so close, Any help would be great  
 I get to step 5.1 but the screen gets stuck 2/3 the way through on the apple logo.  
 No change the bar hits about 2/3rds the way through and just sits there.

Asus Rog z370E  
 i7 8700k  
 Crucial MX500  
 1060 GTX

↩ REPLY

🕒 27 days 13 hours ago ^

**Duane Zingale**

Figured it out, needed to change the BIOS to run on CPU Graphics until i get nvidia installed, which may put me back to reinstalling 😊

↩ REPLY

🕒 27 days 11 hours ago

**sam**

hello I am trying to install in 17 r3 alienware after clover boot black screen appears , I am trying to install high sierra...Any leads....!!!

↩ REPLY

🕒 14 days 20 hours ago

**rona**

Hi! I have found this guide only after my MacBook Air (13", early 2014) has gone into a coma state. I think it's not yet totally dead. I went to a (non-Apple) repair shop but the technician told me that the logic board must be the problem and the only fix is to replace it. The price quote I got for the motherboard is more expensive than what I actually paid for my secondhand MBA. It would be impractical for me to spend more on the replacement, so this really is not an option.

A little background:

The original owner removed the SSD so I had to boot and run MacOS X (Mavericks) from a 32GB USB 3.0 in the meantime while I was still looking for a new SSD. I used the internet recovery to install the OS in my flash drive. I installed light programs like Office for Mac, Chrome and Goofy. I also tried upgrading to High Sierra before installing the programs but with no success, because it cannot detect any SSD in the primary bay (there was none to detect). It worked well and I basically had my machine up and running.

I finally bought a Transcend JetDrive 850 SSD which is compatible with my unit (just have to upgrade to High Sierra BEFORE installation). I opted for this over the JetDrive 820 because my machine's model can still have the OS upgraded, so why not?

(Not advertising here, just for easy reference <https://www.transcend-info.com/Products/No-956>)

Here's what happened:

Since (1) I cannot upgrade my OS to High Sierra without the SSD and (2) I cannot use the SSD without upgrading to High Sierra first and (3) I don't have any other Mac machine, I tried a workaround that obviously didn't work thus this post. I created a High Sierra bootable USB installer using TransMac in Windows. I inserted the SSD into the primary bay and proceeded with installing the OS.

- (1) Upon power on, I pressed Command + R. It was able to detect both the USB OS installer and the new SSD.
- (2) I selected USB OS installer then pre-installation started on the SSD. Erased and formatted the SSD in Disk Utility (GUID partition scheme and APFS format were suggested by the discussions.apple.com forum).
- (3) Installation started then the usual system reboot.
- (4) Upon restart, I was a bit surprised to see the Clover Boot Manager instead of the native bootloader. It was this time when I realized that I was in for a big trouble and all my courage and excitement turned to fear of messing up and "bricking" my machine. I was not able to do a research on Hackintosh and Clover Manager beforehand.
- (5) In the Clover Menu, I selected Boot OS X Install from Install macOS High Sierra and pressed enter. The installer slowly loaded just like in #3 of Step 1: Booting the USB Installer in the above post.
- (6) I unintentionally interrupted the installation when the progress bar was not yet halfway through. It was taking so long that I thought it was already stuck up. I did a hard reset by turning it off.
- (7) I turned it on again after a few seconds but there was no chime, no Apple logo, not even the Clover boot manager—just a dim backlight on the screen and the Apple logo on the lid lighting up.

Here are what I've tried so far:

- (1) all the possible key combinations (internet recovery, boot options, NVRAM reset, SMC reset) just to bring something up on the screen.
- (2) removed then inserted back the battery and the SSD, and also drained any power. Then repeated (1).
- (3) used an external keyboard and monitor just in case they were the problem.
- (4) inserted my previously working bootable OS X Mavericks USB drive but still not booting.

From what I have researched, what I did might have messed up the EFI firmware (<https://www.tonymacx86.com/threads/warning-clover-will-break-your-real-mac-use-with-caution.224933/page-5>) and one way to fix this is to flash the original firmware. With my MBA not booting how can I possibly do this? Another suggestion was to use GhostHacks tools (<https://www.ghostlyhaks.com/blog/apple-efi/37-efid?showall=&start=2>). My EFI firmware is unlocked i.e. without a password, by the way.

It has been two days since my MBA is in a coma and I have been sleepless switching between reading forums and waking my machine up.

I hope someone can shed some light on this and suggest possible solutions.  
Thank you in advance.

↩ REPLY

🕒 4 days 11 hours ago ^



**hans**

Replace the files in the last step, dont merge them. Worked for me.

↩ REPLY

🕒 1 day 9 hours ago