

## Installation

### **Q: KP occurs on PM981.**

A: Currently there's no solution for PM981 on macOS 10.13.3+. You could install macOS on another hard disk.

NOTE: PM981 SSD's model number starts with MZVLB, and PM961 SSD's model number starts with MZVLW.

## Audio

### **Q: Headphones or microphones are not working.**

A: If headphones or microphones are not working, please use ALCPlugFix. You may need to replug headphones after every boot. Also, you should avoid hot restart from Windows.

## Bluetooth

### **Q: Bluetooth is not working after long sleep or hard restart.**

A: Native Intel Bluetooth is not working well in macOS. You can disable it, use a USB BT dongle, or solder D+ and D- wires to the WLAN\_LTE slot. See [[Work Around with Bluetooth]].

## Boot

### **Q: The screen turns to black and has no response during the updating process.**

A: If you have black screen for five minutes and get no response from the device, please force restart your laptop(Long press power button) and choose `Boot macOS Install from ~` entry.

### **Q: Stuck on Apple logo or fail to boot.**

A: A reset of NVRAM is recommended. For Clover users, press `Fn+F11` when you are in Clover boot page. For OC users, press `Space` key when you are in OpenCore boot page and choose `Reset NVRAM`. If this does not work, you can try to set `SecureBootModel` to `Disabled` in `config.plist`.

### **Q: Device is locked by Find My Mac.**

A: For Clover users, press `Fn+F11` when you are in Clover boot page. Then Clover will refresh `nvr.plist`, and lock message should be removed.

For OC users, press `Esc` to enter the boot menu during startup. Then, press `Space` key and choose `Reset NVRAM`.

### **Q: [Clover] Fail to boot in Windows/Linux by using Clover, but able to boot by pressing F12 and select OS.**

A: Many people met this problem by using the new version of `AptioMemoryFix.efi`. A workaround is to replace `/CLOVER/drivers/UEFI/AptioMemoryFix.efi` (or `OcQuirks.efi`, `OpenRuntime.efi`, and `OcQuirks.plist`) with an older version.

### **Q: [Clover] FileVault encrypted the macOS partition and the partition does not show up.**

A: It is not recommended to enable `FileVault`. You can press `Fn+F3` in the Clover boot page and choose the icon with `FileVault`. Then you can boot in the system and disable `FileVault`.

### **Q: [OC] How to skip the boot menu and automatically boot into the system?**

A: First, in macOS, open `SysPref - Startup Disk`. Choose the target system.

Then, open `/EFI/OC/config.plist`, and turn off `ShowPicker`.

When you want to switch OS, press `Esc` during startup to call the boot menu.

### **Q: [OC] How to enable startup chime? (TM1701 & TM1707)**

A: Change `#AudioDxe.efi` to `AudioDxe.efi` in `config.plist` - UEFI - Drivers.  
Enable `AudioSupport` in `config.plist` - UEFI - Audio.  
If you are using macOS Big Sur, go to `SysPref` - Sound and turn on `Play sound on startup`.  
For macOS version < Big Sur, open `Terminal.app` and run `sudo nvram StartupMute=%00`.

**Q: [OC] Can't use Boot Camp.**

A: Disable `CustomSMBIOSGuid` in `/OC/config.plist` - Kernel - Quirks and change `PlatformInfo` - `UpdateSMBIOSMode` to `Create`. You may lose Windows and software's activation.  
For Clover users, open `/EFI/CLOVER/config.plist` and delete `DisableDrivers` - `ExFatDxe`.  
For OC users, open `/EFI/OC/config.plist` and change `#ExFatDxe.efi` to `ExFatDxe.efi` in UEFI - Drivers.

## Camera

**Q: My system can't find the camera device.**

A: Run `sudo kextcache -i /` in `Terminal.app` and then restart.

## Graphics

**Q: Glitches happen when I use Chrome to play video in full screen, but Safari is good.**

A: Go to `System Preferences` - `Displays` - `Color`, uncheck `Show profiles for this display only`, and choose `sRGB IEC61966-2.1`.

## HDMI

**Q: External screen does not respond.**

A: You have to re-plug it, or close the lid for about five seconds and reopen the lid.

## Trackpad

**Q: Trackpad is not working.**

A: You need to rebuild the kext cache after every system update. Use `Kext Utility.app` or type `sudo kextcache -i /` in `Terminal.app`. Then restart. If this still doesn't work, try to press `F9` or warm reboot from Windows.

Also, make sure to uncheck `Ignore built-in trackpad when ...` in `SysPref` - `Accessibility` - `Pointer Control`

**Q: I can't click to drag or right click using the trackpad.**

A: Starts from `VoodooI2C v2.4.1`, the click down action is emulated to force touch, which causes the failure of click down and drag and right click gestures. You can turn off `Force Click` in `SysPref` - `Trackpad`, and I recommend enabling `three finger drag` in `SysPref` - `Accessibility` - `Mouse & Trackpad` - `Trackpad Options`.

## Keyboard

**Q: Caps Lock is not working.**

A: Add `Pinyin - Simplified` in `SysPref` - `Keyboard` - `Input Sources`.  
Then, uncheck `Use the Caps Lock key to switch to and from ABC`.  
Finally, delete `Pinyin - Simplified` and done.

## SSD

### **Q: Frequent KPs on some NVMe SSDs.**

A: For OC users, they can adjust `SetApfsTrimTimeout` to set trim timeout. See [dortania/bugtracker#192](#) for more information.

Also, if you see kernel panic messages like `NVMe Kernel Panic CSTS=0xffffffff`, add `forceRenderStandby=0` in `config - NVRAM - Add - 7CXXX - boot-args` (OpenCore) or `config - Boot - Arguments` (Clover).

## Wi-Fi

### **Q: Wi-Fi is not working.**

A: For macOS version below Big Sur, please use Hackintool to rebuild kextcache and restart. If you have a bad network experience, you can turn to use a USB WiFi dongle or insert a supported wireless card into M.2 slot. More information can be viewed in [Xiaomi Mi Notebook Pro High Sierra 10.13.6](#).

### **Q: Location Service/AirDrop/Handoff is not working.**

A: Location Service/AirDrop/Handoff needs a supported internal wireless card to work(A few USB dongles can use location service, I don't know why). AirDrop and Handoff also need stable Bluetooth connection, see [\[\[Work Around with Bluetooth\]\]](#).

### **Q: New internal wireless card's speed is low after wake.**

A: Open `SysPref - EnergySaver - PowerAdapter`, and uncheck `Wake for Wi-Fi network access`.