

## 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 headphone after every boot.

## 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: 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?**

A: Turn on `AudioSupport` and `PlayChime` in `/OC/config.plist - UEFI - Audio`.

## Camera

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

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

## HDMI

**Q: Internal screen turns to black when plugging in an external monitor.**

A: To be honest, I have no idea why this happens, maybe related to framebuffer pipe. A workaround is to close the lids for about five seconds and reopen it.

## 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.

**Q: I can't click to drag files 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 gestures. You can turn off Force Click in `SysPref - Trackpad` or choose 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: It's probably due to the incompatibility of NVMeFix on your NVMe SSD. You can try to delete this kext. For Clover users, delete `NVMeFix.kext` in `/CLOVER/kexts/Other/`. For OC users, open `/OC/config.plist` and change the following code:

```
<key>BundlePath</key>
  <string>NVMeFix.kext</string>
  <key>Comment</key>
  <string>NVMe patches</string>
  <key>Enabled</key>
-  <true/>
+  <false/>
```

## Wi-Fi

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

A: Read `[[Drive Native Intel Wireless Card]]`. 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**.