Reset Laptop SMC/PMU/PRAM

Getting Started

The following problems may be fixed by resetting your laptop's SMC, PMU, and PRAM:
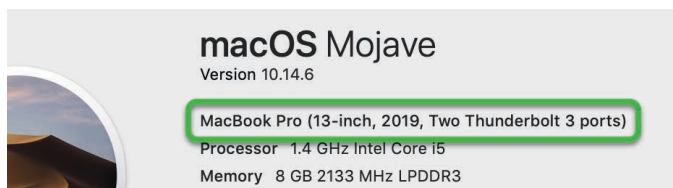
- Won't power on, has problems with sleep/resume, battery won't charge, or battery drains very quickly
- USB ports don't work
- Fans don't work or are always running at high speed
- Indicator lights (power, charge, etc.) don't work

Which Laptop Do You Have?

The reset method depends on which laptop you have. Click the icon in the upper left corner of the screen. Click "About This Mac". Note the laptop model and year:

macOS Mojave
Version 10.14.6

MacBook Pro (13-inch, 2019, Two Thunderbolt 3 ports)
Processor   1.4 GHz Intel Core i5
Memory   8 GB 2133 MHz LPDDR3

If You Have a MacBook Air/Pro _2018 and After_— Reset the SMC/PMU

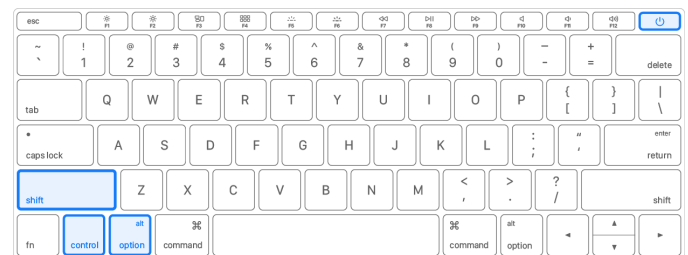1. Completely close/quit all Apps.
2. Shut down the laptop (and then "Shut Down…").
3. Press and hold the power button for at least 10 seconds and then release.
4. Press the power button to turn on the laptop.
5. If the problem(s) are not fixed, continue with steps 6-9.
6. Shut down the computer (if it is not already).
7. Press and hold the following keys for 7 seconds:
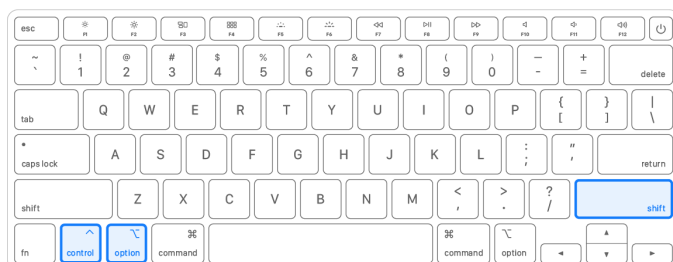
8. In addition to these three keys, press and hold the power button (top right corner of the keyboard). Hold these four keys 7 seconds and then release.
9. Wait for at least 10 seconds. Press the power button to turn on the laptop.

If You Have a MacBook Air/Pro _2009 through 2017_— Reset the SMC/PMU

1. Completely close/quit all Apps.
2. Shut down the laptop (and then "Shut Down…").
3. Press and hold the following keyboard keys for at least 10 seconds and then release:

4. Wait for at least 10 seconds. Press the power button to turn on the laptop.

Reset the PRAM (all laptop models)

1. Completely close/quit all Apps.
2. Shut down the laptop (and then "Shut Down…").
3. Press the power button to turn on the laptop, and then immediately press and hold the following keys:

4. Hold the keys until your laptop restarts twice.
5. Release the keys. Wait for your laptop to start up normally.