

## Introduction

Thank you for choosing nerd.tool.1, your go-to solution for calibrating the MacBook lid angle sensor. This guide provides a step-by-step walkthrough to ensure calibration is a breeze.

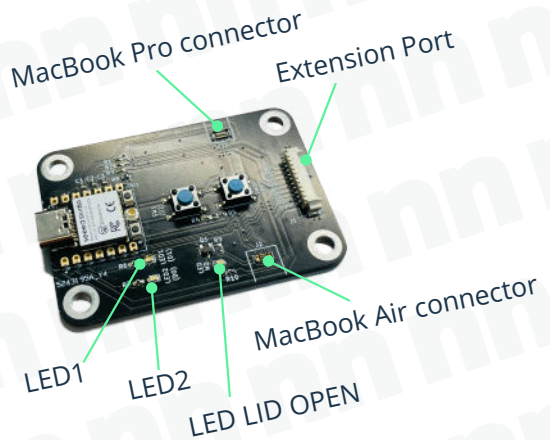
## Materials needed

- A standard USB-C power supply (5 V)
- nerd.tool.1 calibration device
- A **new (not calibrated by Apple)** lid angle sensor for your MacBook

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## Setup

1. Close the lid of your MacBook completely. Unplug the battery and power supply.
2. Assemble the new lid angle sensor to the screen. Connect the lid angle sensor to the nerd.tool.1.  
> Socket **J2 for MacBook Air (MBA)** and **J3 for MacBook Pro (MBP)**

## Booting up & initial check

1. Plug in the power supply (5 V) to your nerd.tool.1 to power it up.  
> A flashing LED2 indicates an operational nerd.tool.1.
2. If LED LID OPEN lights up continuously, it indicates that the sensor needs calibration.

## Calibrating the sensor

1. Press **SW1 for MBP or SW2 for MBA calibration**. LED1 will start blinking.  
> As soon as LED1 lights up continuously and LED LID OPEN turns off, calibration is done.
2. You can check the calibration by carefully opening the lid for more than 5 degrees. LED LID OPEN should light up.
3. Close the lid. LED LID OPEN should turn off.

## Saving the calibration

1. Press **SW2 to save the calibration**.
2. Both LED1 and LED2 will blink together twice, indicating successful data transfer and storage.
3. Unplug the power supply of the nerd.tool.1 and then disconnect the sensor.

**Congratulations! Your MacBook lid angle sensor is now ready to use.**