StellarMate & ASIAIR Pro
Enabling the 5v Power Ports

This is a walkthrough on setting up the power ports on your ASIAIR Pro. Written for Windows but can applied to Linux or OS X.
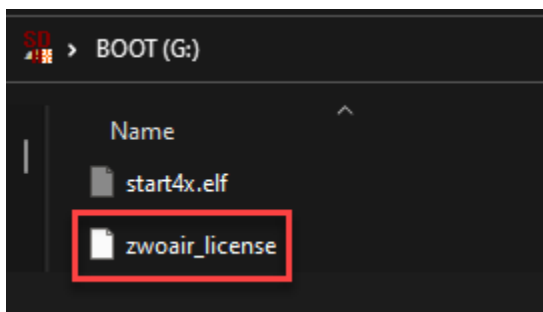
***PLEASE READ THROUGH ALL INSTRUCTIONS BEFORE STARTING**

What you need to get started

1. You will need a ZWO ASIAIR Pro and an extra 32GB Micro SD Card and SD Card Reader.

*NOTE: If you are opting to use the Micro SD Card that came with your ASIAIR Pro make sure to back up your license file from the SD Card. Simply plug in your SD Card to a computer and copy out the **zwoair_license** located in the Boot Partition and save the file.
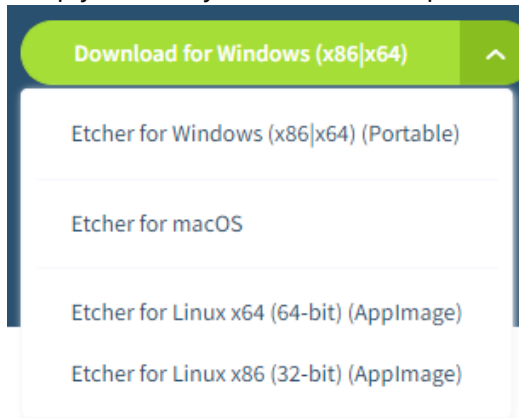

FYI: To restore your ASIAIR Pro follow these instructions

2. If you have not already, download the StellarMate OS. If you do not have the OS, you can purchase it from StellarMate website https://www.stellarmate.com/products/stellarmate-os.html

Tip: You can use the 32bit or 64bit version. However, it's recommended to use 64bit so you can use all 4GB of RAM. The 32bit version will only use about 3.32GB of the 4GB.
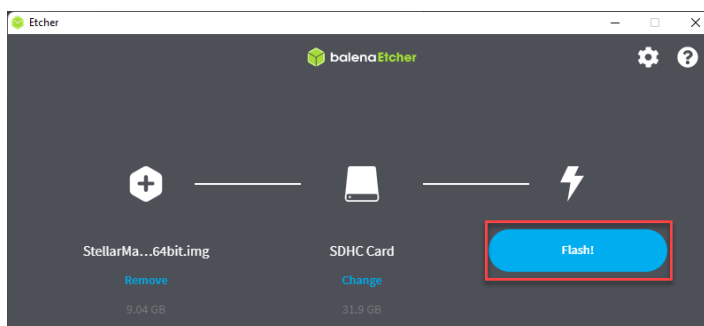
3. Finally, you will need to download balenaEtcher https://www.balena.io/etcher/
Simply choose your version of Operating system and download it an install it

Installing the StellarMate OS

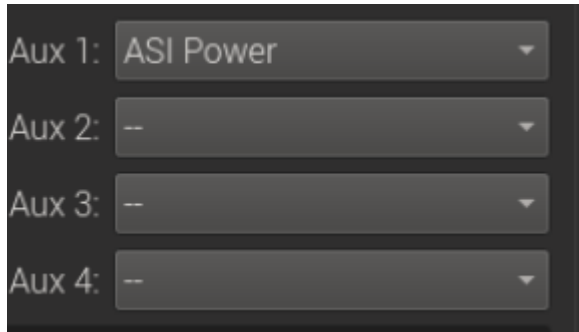This section will walk you through installation of the StellarMate OS

1. Insert your Micro SD card into your card reader and insert into your computer

2. Open balenaEtcher and click on **Flash from file** and choose the StellarMate OS file you downloaded

3. Click **Select target** and choose your Micro SD card and then click **Flash**

Ekos & ASIAIR Pro Power ports

This section will walk you through configuring the power ports on the ASIAIR Pro using INDI ASI Power which was created by Ken S. on Cloudy Nights

1. Once you log into your StellarMate OS and you configure your hardware make sure to choose ASIAIR Power for the AUX

2. Once you start Ekos you will be able to manage how much power each port has as well