Restoring ZWO ASIAIR Pro
A walkthrough to restore the ASIAir Pro Software

These instructions were written on a Windows 11 PC but should work on any Operating System (Windows, Linux, OS X)

To get started you will need the following things

1. You will need a PC
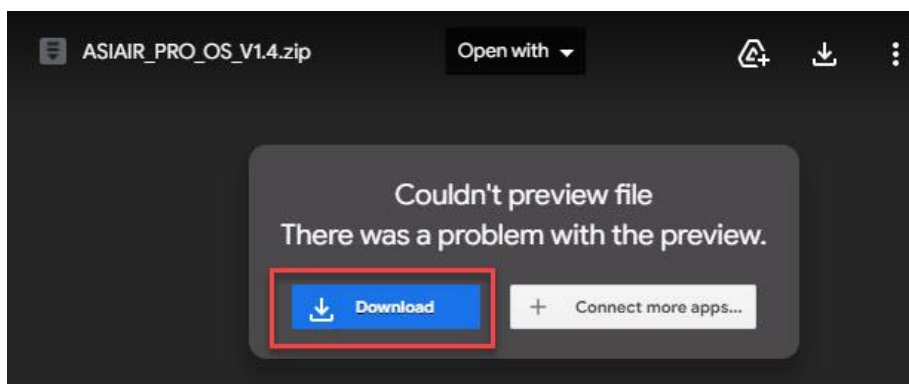2. You will need a Micro SD Card a USB Adapter or an SD Card Adapter

3. You will need the ZWO ASIAir Pro Unit and Power
4. You need an Android or IOS device (cell phone or tablet)
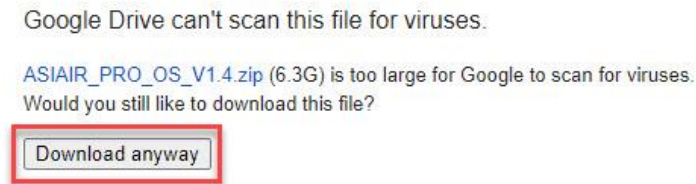
Download the ASIAir Operating System

First, we need to download the ZWO Operating System. Simply click the link below

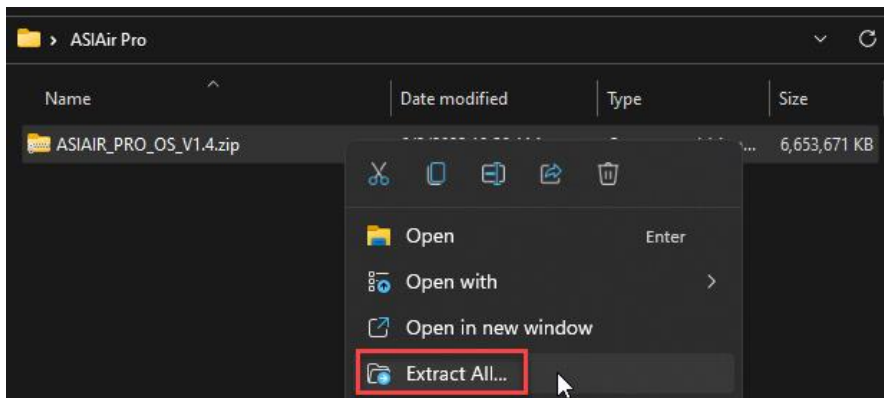https://drive.google.com/file/d/19VpbElWxGSCx_aB56cdLEPP-jaJM8D1N/view?usp=sharing

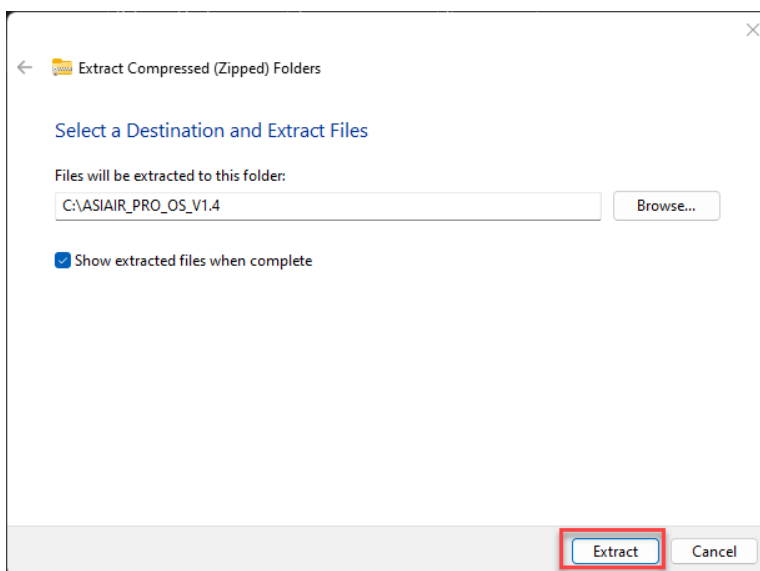**1.** Once you click the link it will open a window in your browser simply click download

2. Once you click the download link it will prompt Google can't scan for viruses. Simply click the download anyway and save it to a location you remember

Google Drive can't scan this file for viruses.

ASIAIR_PRO_OS_V1.4.zip (6.3G) is too large for Google to scan for viruses. Would you still like to download this file?

Download anyway

3. Once the download is complete you will need to extract the file. In Windows 11 you can simply Right click the file and choose Extract All..

> ASIAir Pro

Name	Date modified	Type	Size
ASIAIR_PRO_OS_V1.4.zip		...	6,653,671 KB

Open   Enter
Open with   >
Open in new window
Extract All...

4. On the next screen specify the location and show extract and remember the location

← Extract Compressed (Zipped) Folders

Select a Destination and Extract Files

Files will be extracted to this folder:

C:\ASIAIR_PRO_OS_V1.4   Browse...

☑ Show extracted files when complete
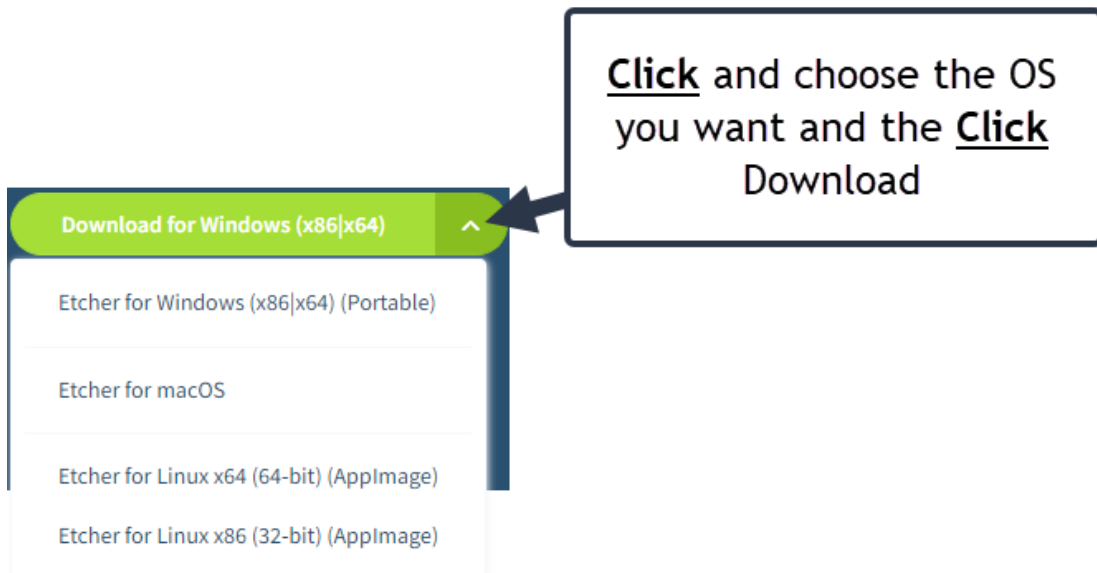
Extract   Cancel

Download balenaEtcher

ZWO has multiple apps they recommend for creating a bootable Micro SD Card. In my opinion this is the simplest software available and works on all flavors of operating systems. Click the following link
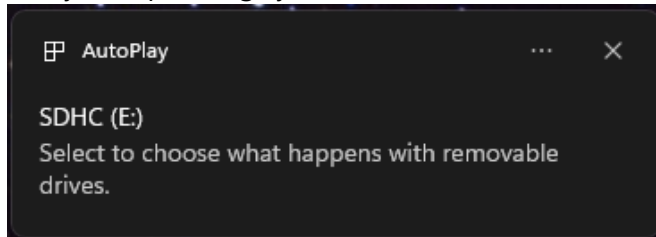
https://www.balena.io/etcher/

1. On the webpage simply choose the drop down for your operating system and then click download

2. Save the file and install it by double clicking it. Once blalenaEtcher it's installed, we are ready to install the operating system.

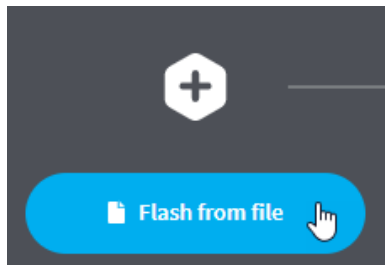# Install ASIAir Pro Operating System

In this section we will install the ZWO ASIAir Pro system using balenaEtcher and our Micro USB Card. First plug your Micro USB into your computer using a USB Adapter or an SD Card Adapter and your operating system should see it
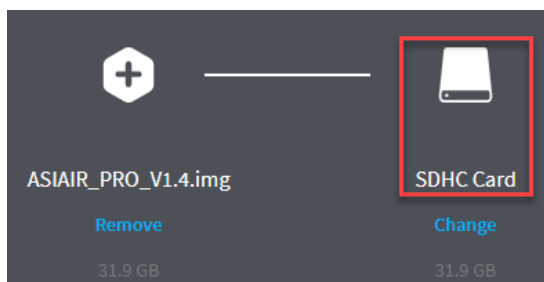

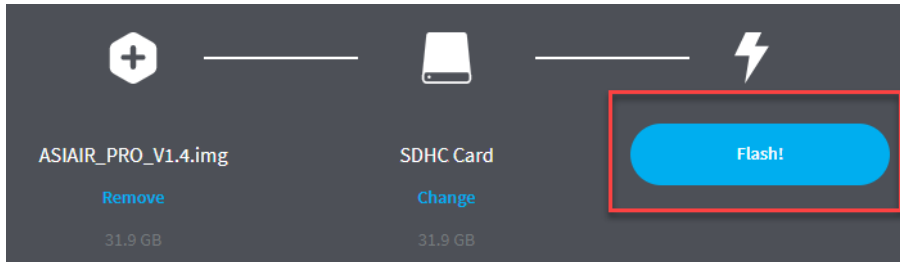**1.** On your desktop double click the balenEtcher Software

2. On the first option we need to click on **Flash from file** and browse to the ASIAIR_PRO_V1.4.img file we extracted from step three in the section Download the ASIAir Operating System
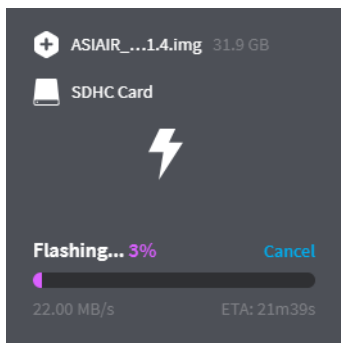

3. Next, we need to then choose the Micro SD location by choosing **Select target** and choose picking the storage device
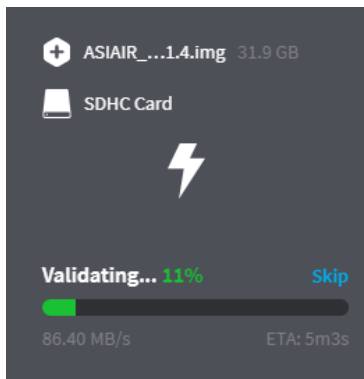
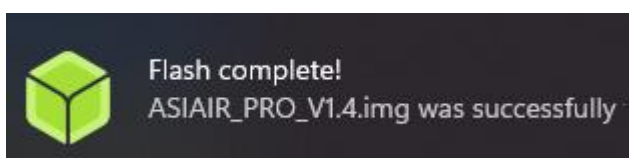**4.** Finally, we will click on **Flash** to flash the ASIAIR_PRO_V1.4.img to the SD Card

5. It will take some time to flash the operating system to the Micro SD card so now is a good time for a coffee break or whiskey break you choose

6. After it's completed copying the image it will then go through a validation to make sure the image is completed. You can skip this process however I normally just let it run to make sure the image is good to go
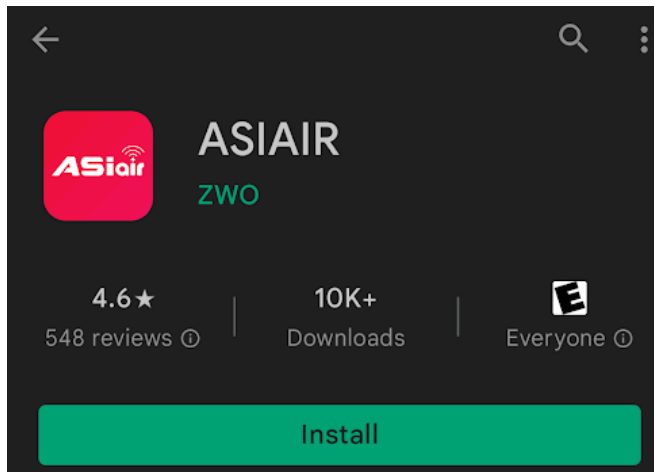

7. When it completed Windows will let you know it's done

Download the ASIAIR Mobile App

Before we boot up the ASIAir Pro we need to download the ASIAIR Application from either Android or IOS store. Simply browse to your specific market store on your Android or iPhone and install the application. I am using an Android device for these instructions

Booting up the ASIAir Pro

Once we have the ASIAIR Mobile app installed on our device it's time to boot up the ASIAir Pro. Simply remove the Micro SD Card from your PC and place it in the ASIAir Pro and boot up device.

Place SD Car into slot

1. Once the ASIAir boots up you will hear a beep letting you know it's online

2. Next on your Android or IOS device you will want to open Settings and Wi-Fi and connect to the ASIAIR Wi-Fi the stock password is 12345678

3. Once you are connected you will want to open the ASIAIR application on your Cell Phone or Tablet and follow the instructions it will want to update the operating system and give you information about registering the device