

# Setup of an Orange Pi (NEW)

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Q photonvision latest release

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Github

https://github.com/PhotonVision/photonvision/releases

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The **PhotonVision** team is excited to announce the first full **release** for the **2024 FRC** competition season! This beta cycle has been insane, with over 150 commits, 600+ files edited, and over 40,000 LOC modified in the main **PhotonVision** repo itself.

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gerth2, ArchdukeTim, and crschart

Assets 13

photonvision-v2024.2.4-linuxarm32.jar	95.9 MB	last week
photonvision-v2024.2.4-linuxarm64.jar	85 MB	last week
photonvision-v2024.2.4-linuxarm64_limelight2.img.xz	391 MB	last week
photonvision-v2024.2.4-linuxarm64_limelight3.img.xz	462 MB	last week
photonvision-v2024.2.4-linuxarm64_orangepi5.img.xz	631 MB	last week
photonvision-v2024.2.4-linuxarm64_orangepi5plus.img.xz	634 MB	last week
photonvision-v2024.2.4-linuxarm64_RaspberryPi.img.xz	462 MB	last week
photonvision-v2024.2.4-linuxx64.jar	97.4 MB	last week
photonvision-v2024.2.4-macarm64.jar	107 MB	last week
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Source code (zip)		last week
Source code (tar.gz)		last week

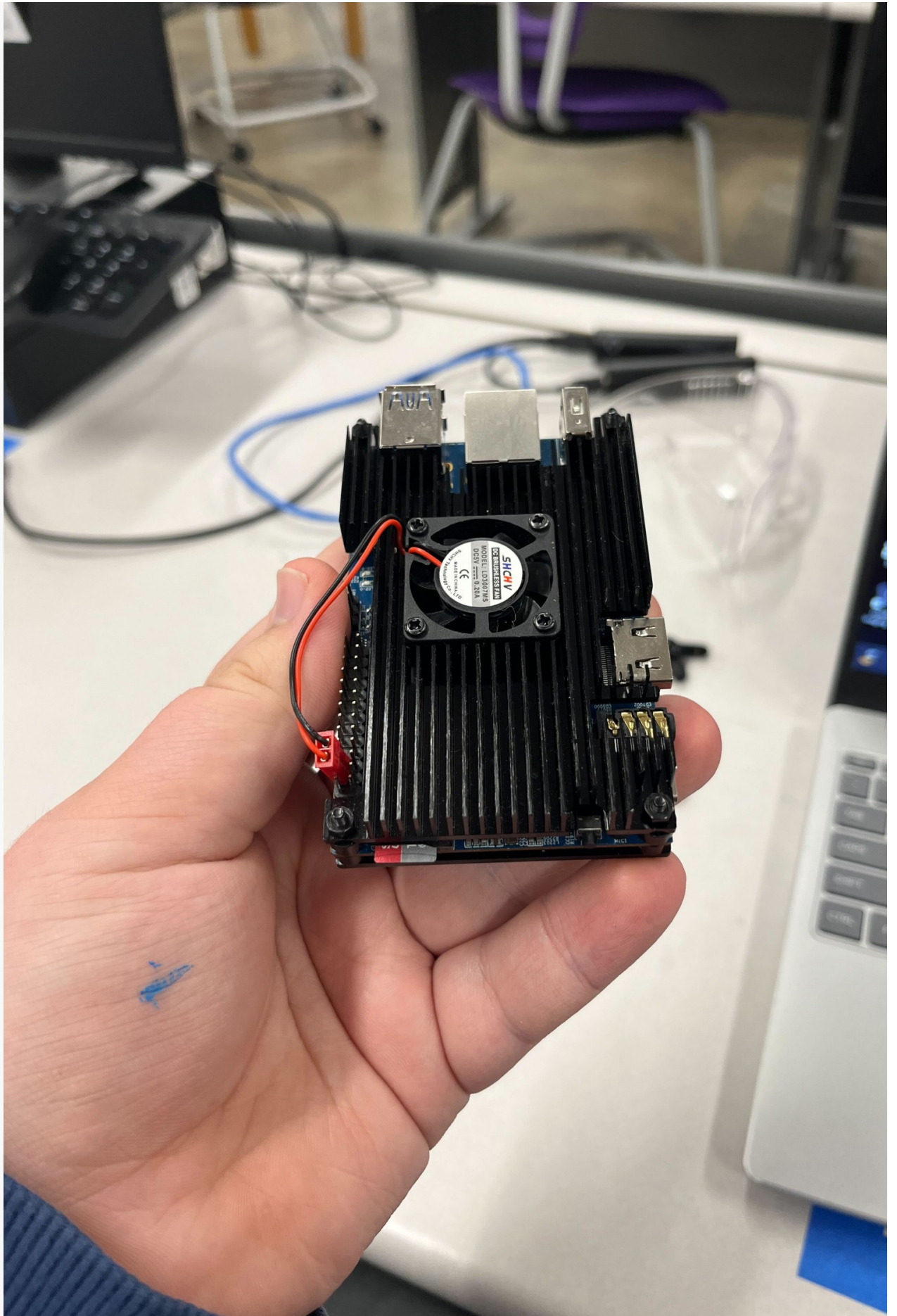
Show all 13 assets

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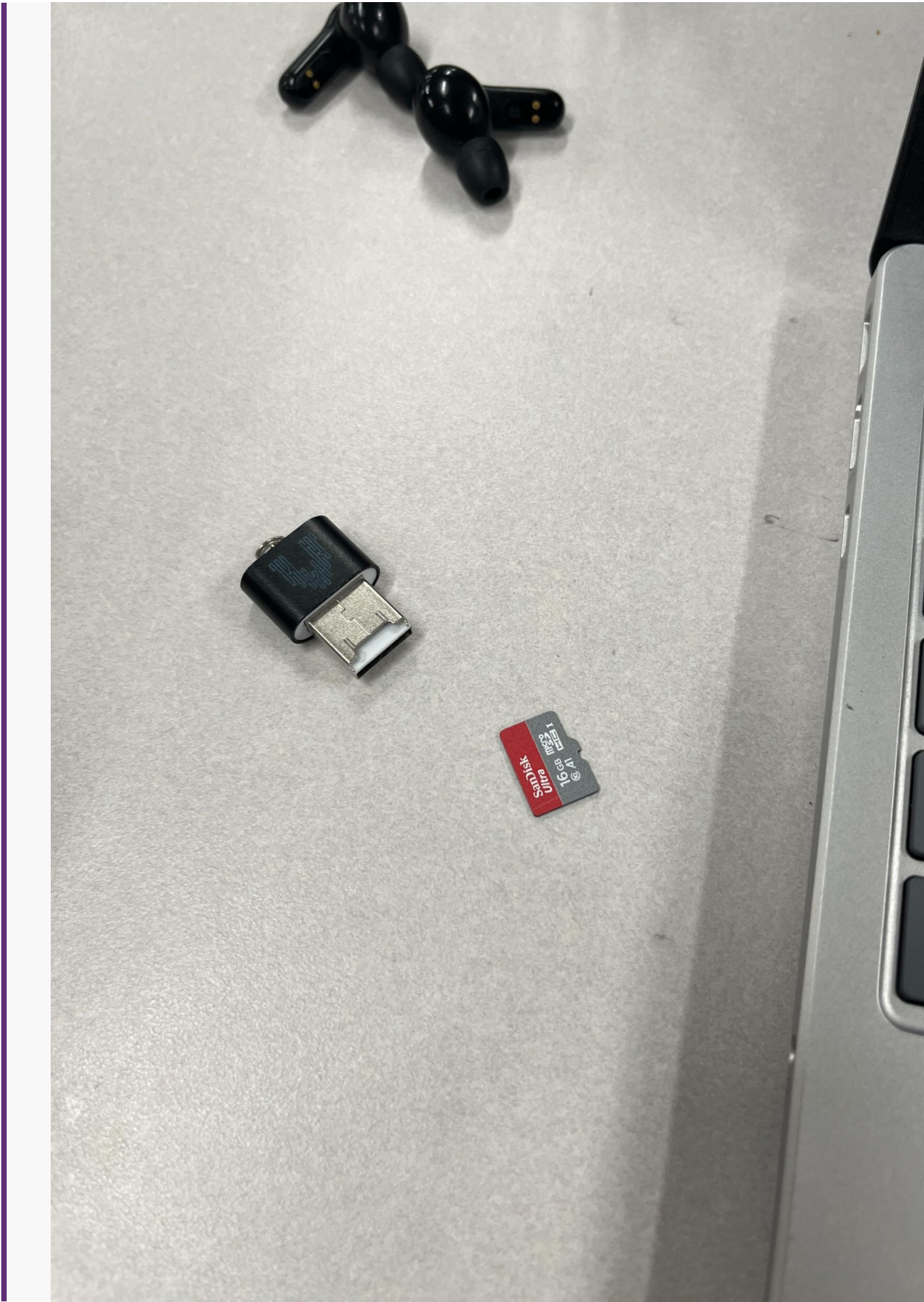
photonvision-v2024.2.4-linuxarm64\_orangepi5 (1).img.xz

2.3 MB/s - 11.7 MB of 631 MB, 4 mins left

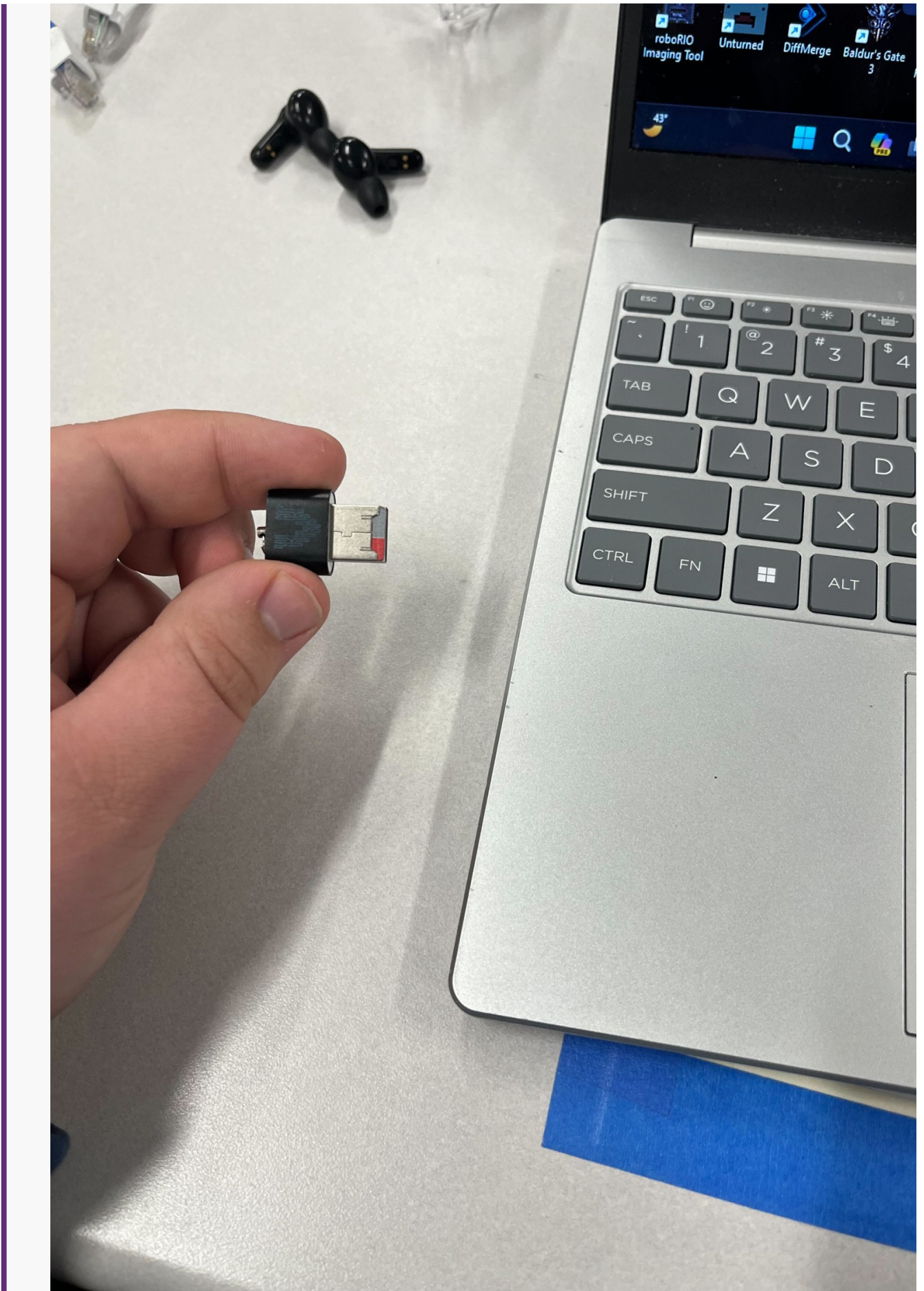
See more



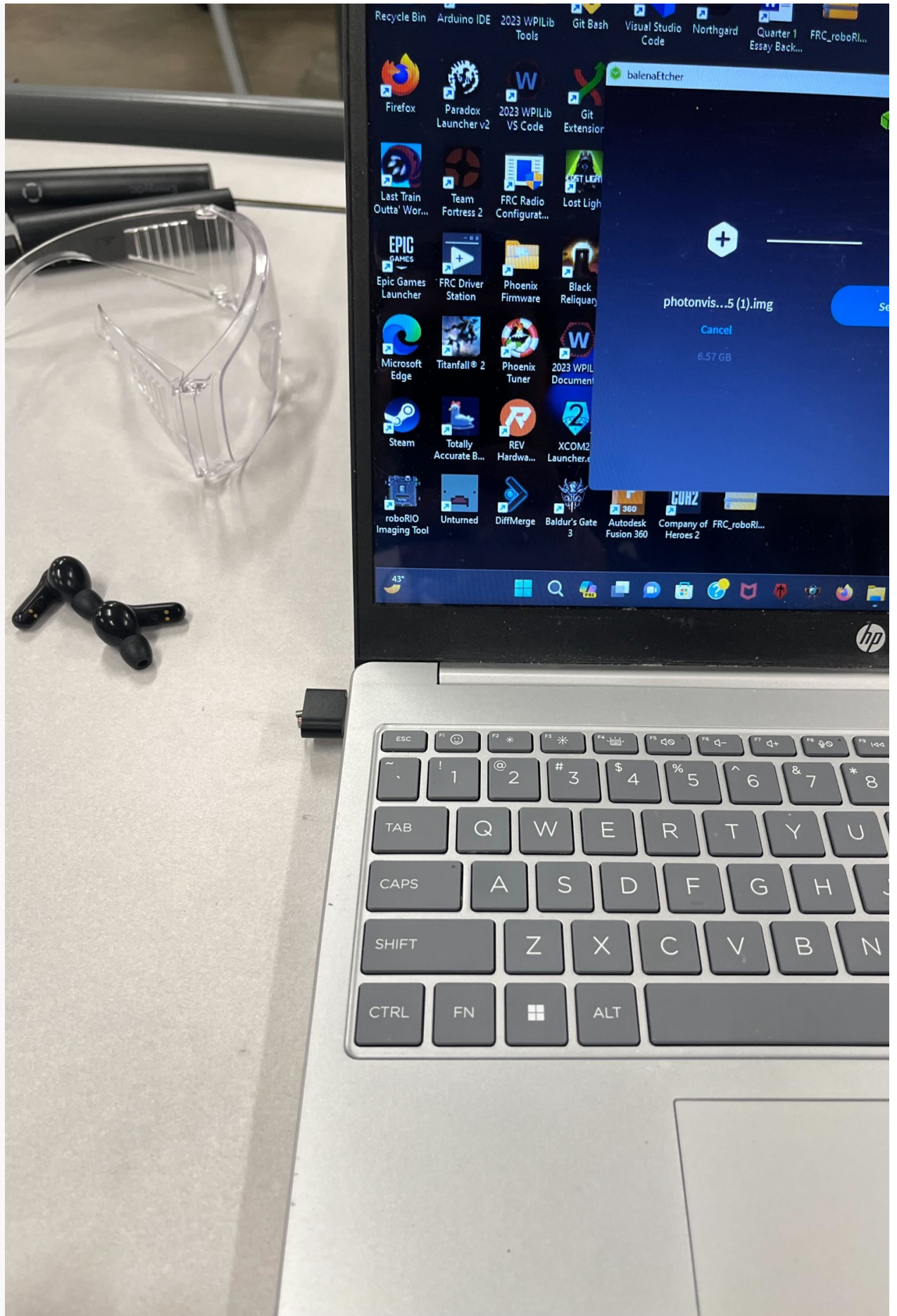


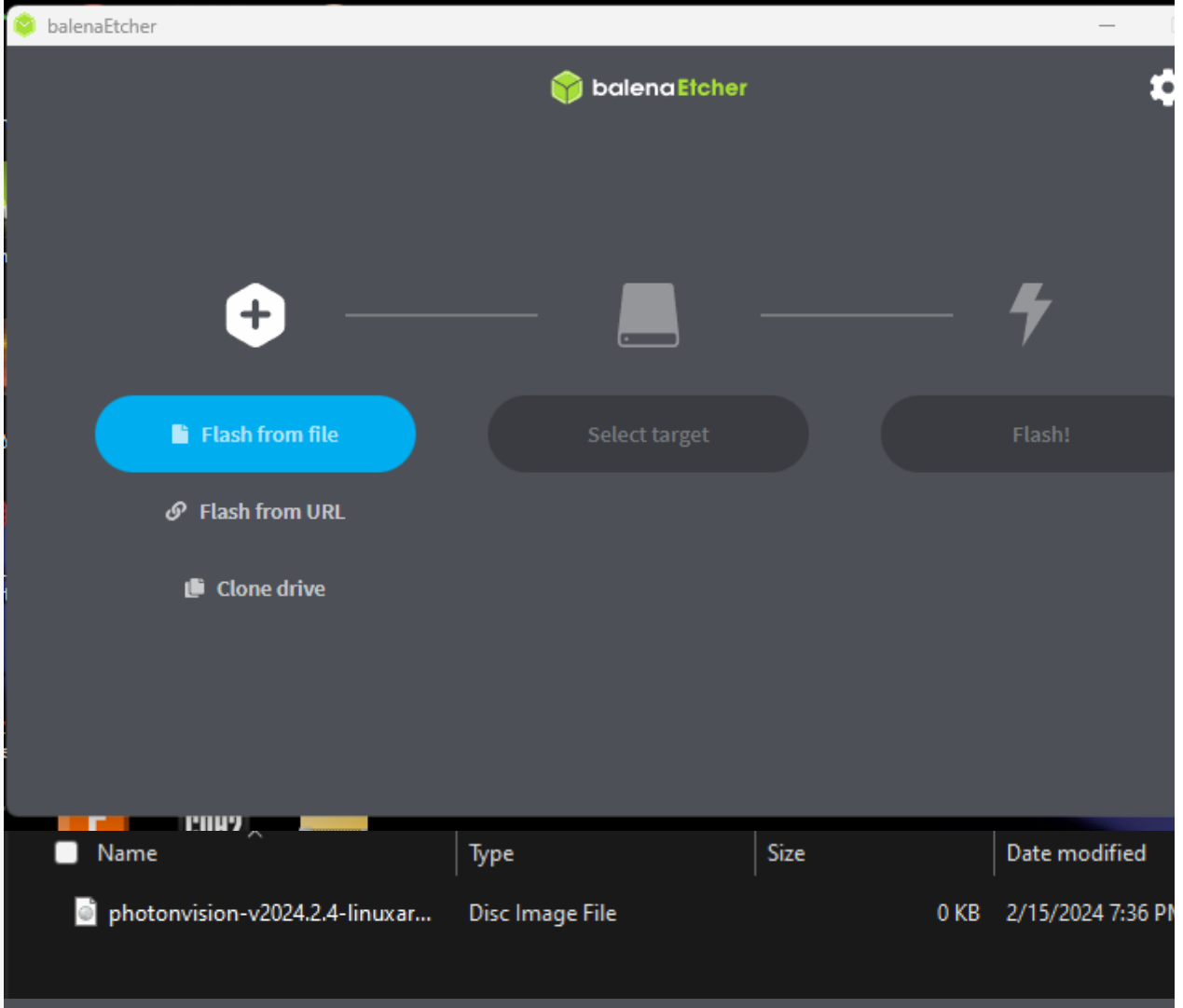












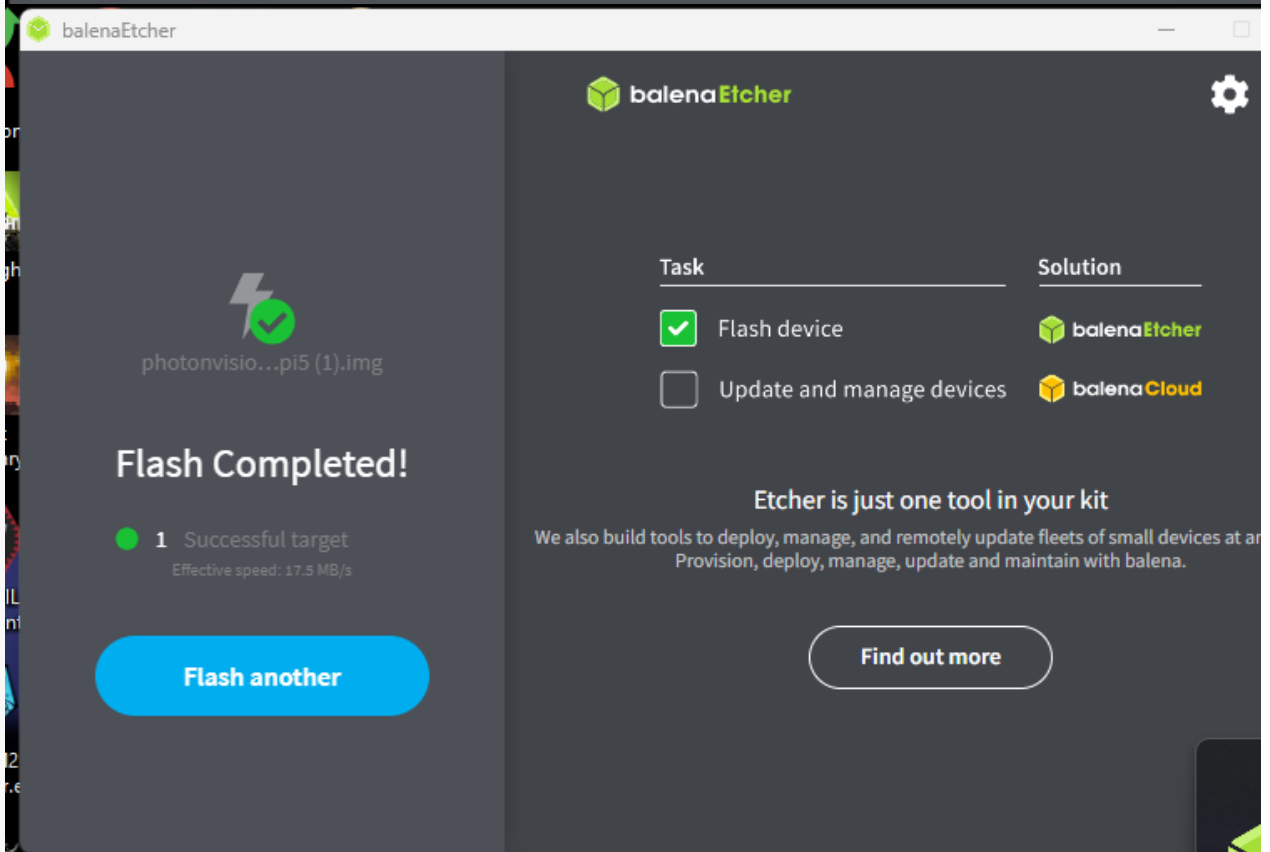
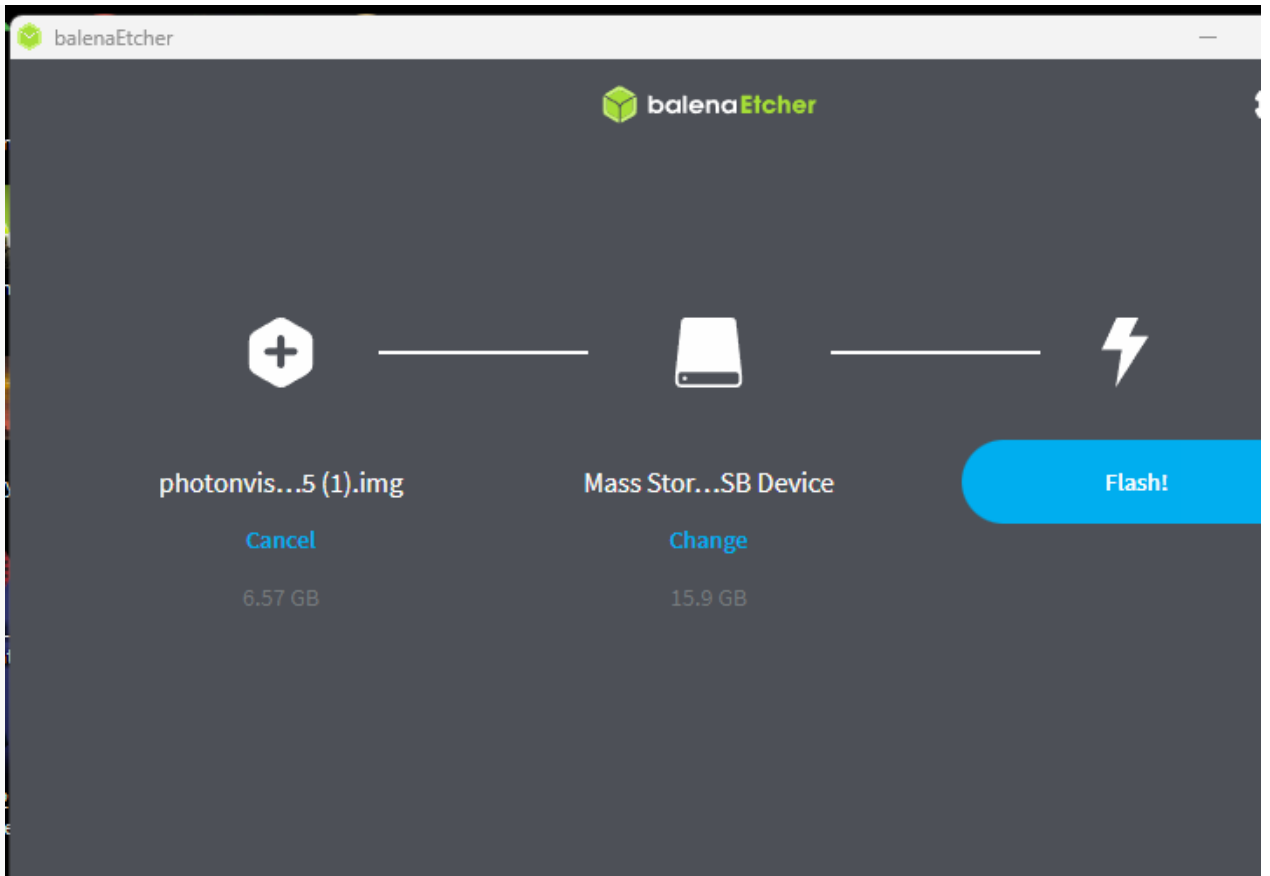
## Select target 2 found

<input type="checkbox"/>	Name	Size	Location
<input type="checkbox"/>	Mass Storage Device USB Device	15.9 GB	\\.\PhysicalDrive1

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- First you want to navigate to the latest photonvision release, typing "photonvision latest release" should suffice.
- Then follow the GitHub page and download the file with "orangepi5.img.xz"
- After downloading that file save it in a place you can get to, we will need it later.
- Then, you need to get the sim card from the orangepi, the card is on the opposite side of the ethernet port. Press down on it and it will pop out.
- You then need to plug the sim card into your computer with a sim card flasher.
- Next, open balena etcher, if you do not have it, google "balena etcher download" and download and set it up.
- Press flash from file and select the file you downloaded from photonvision; it should be of a file type called "disc image file".
- Press select target and select the sim card you have plugged into your computer.
- Hit flash and wait for a while.
- Once your flashing is done unplug the sim card flasher and place the card back into the orangepi.
- Plug your power supply into the far USB-C port, the middle one does not supply power.
- Set up your cords as shown, the ethernet cable plugs into your computer, the USB cable is your camera.
- Type "photonvision.local:5800" into a web browser.
- TADA, you are now connected to photonvision.

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Revision #1

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