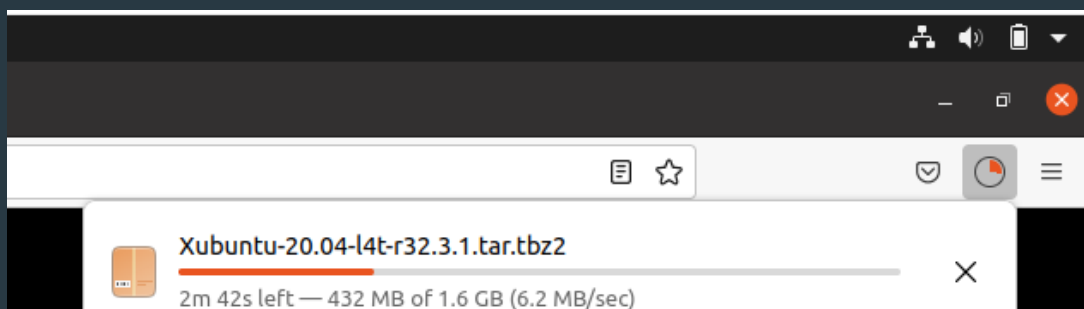
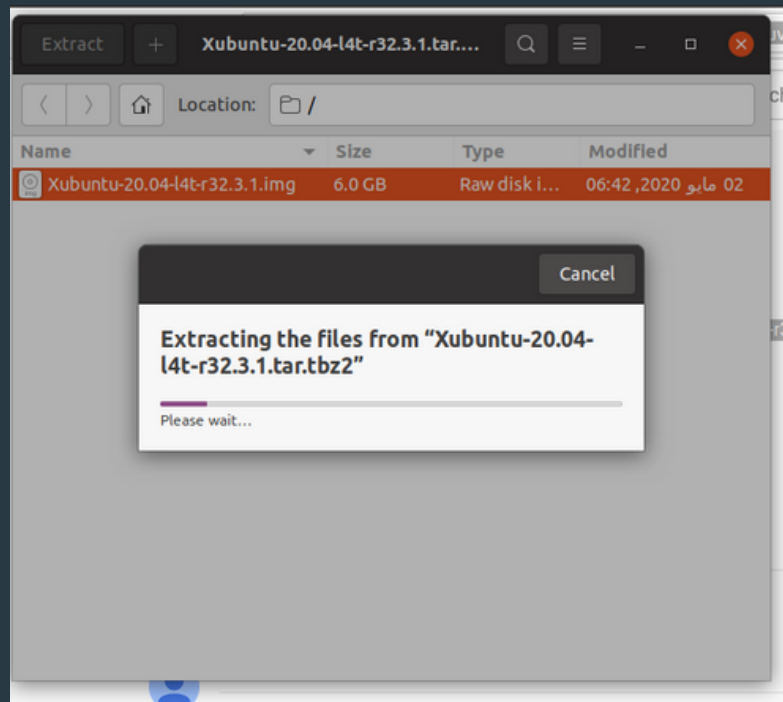


# readme: installing ROS2 roxy on jetson nano

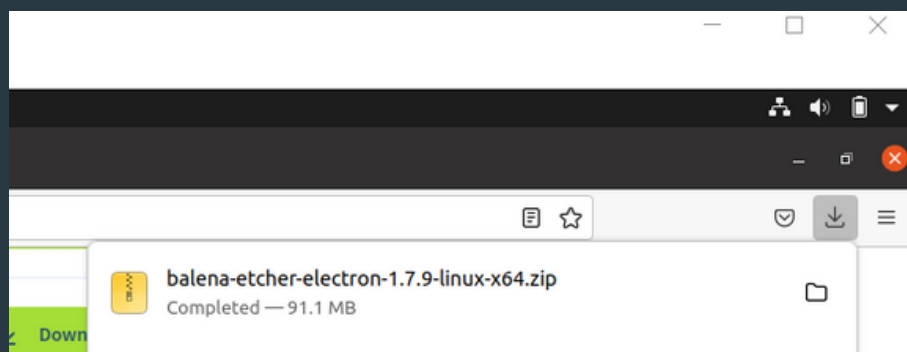
1-installing the Jetson Nano 20.04 Image:  
xUbuntu 20.04 on ubuntu from:  
<https://forums.developer.nvidia.com/t/xubuntu-20-04-focal-fossa-l4t-r32-3-1-custom-image-for-the-jetson-nano/121768>  
(to avoid containerztion or using Docker)



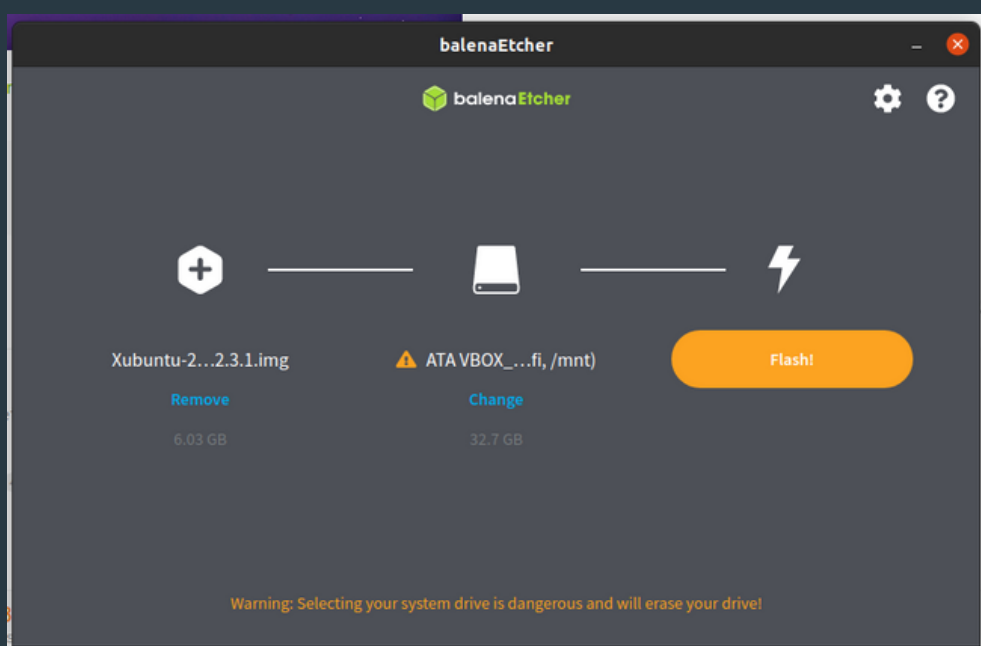
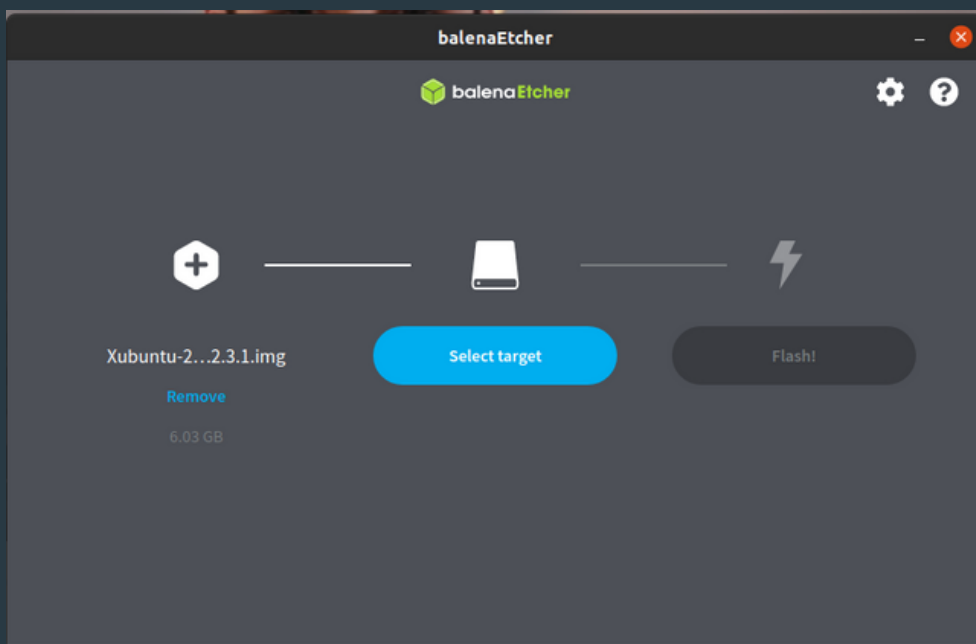
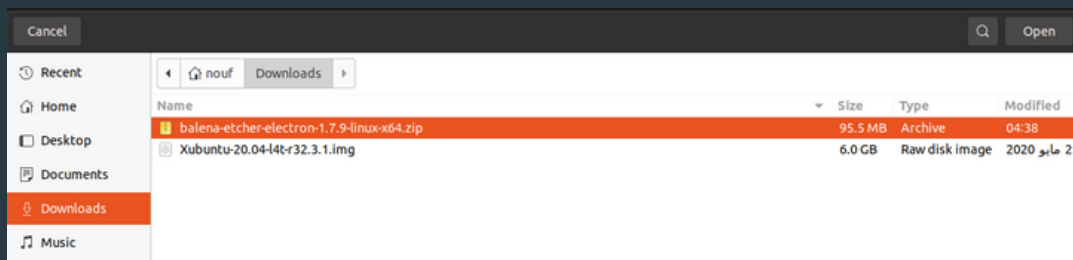
**2-then Extrat the tar file using this command: `tar -xvjf Xubuntu-20.04-l4t-r32.3.1.tar.tbz2`**



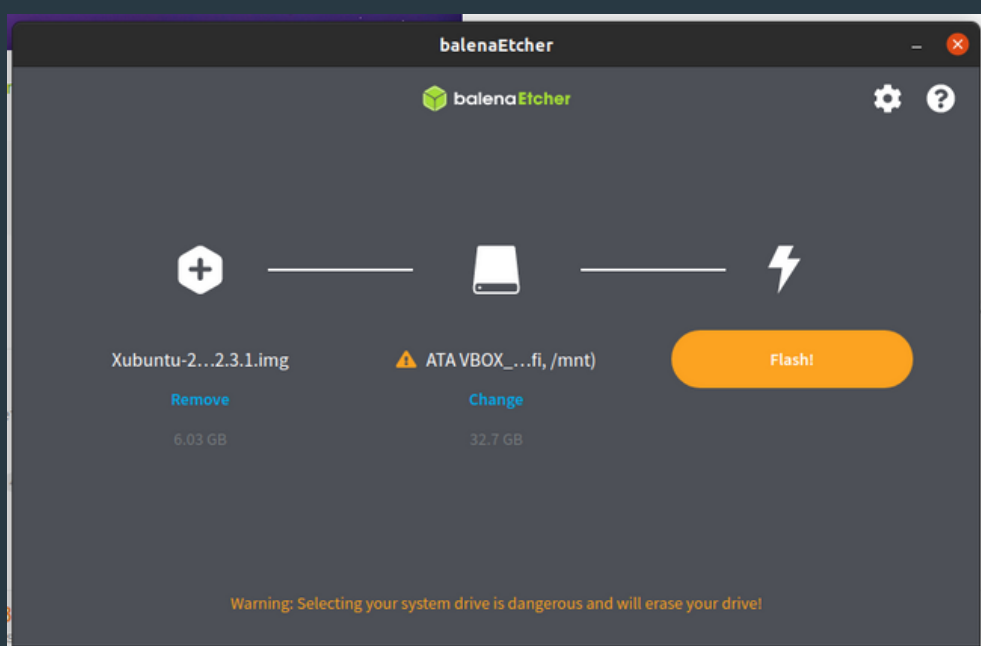
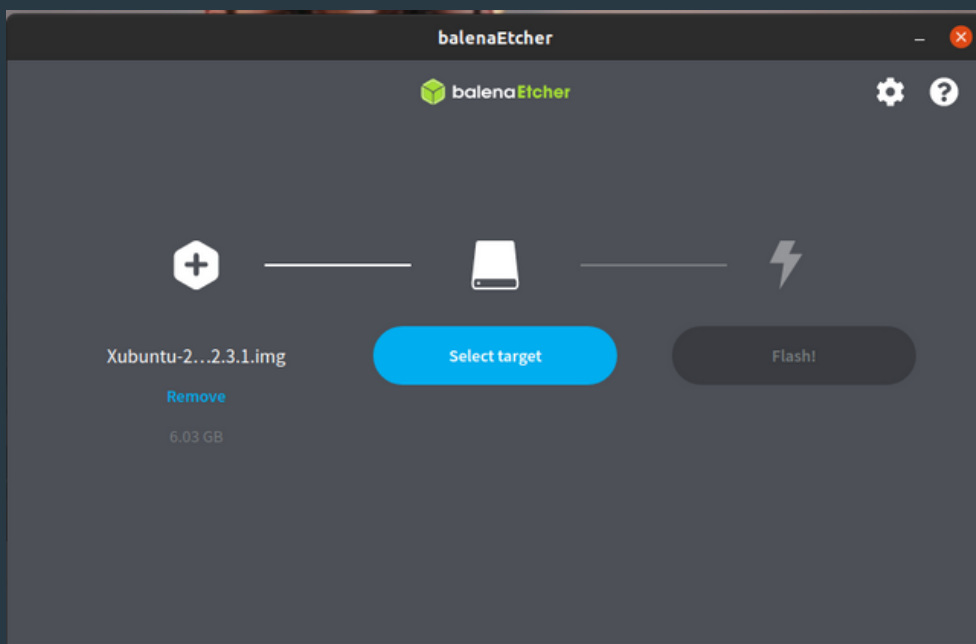
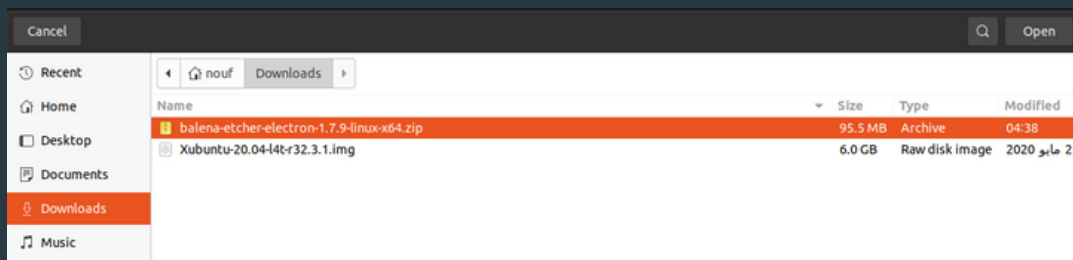
**3- install Balena from: <https://www.balena.io/etcher/> to flash the jeston nano image**

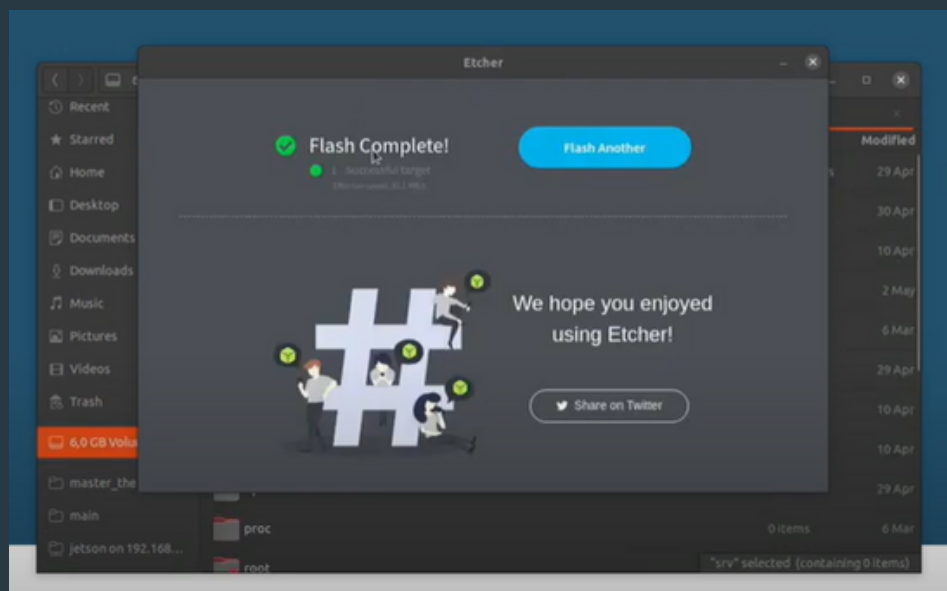
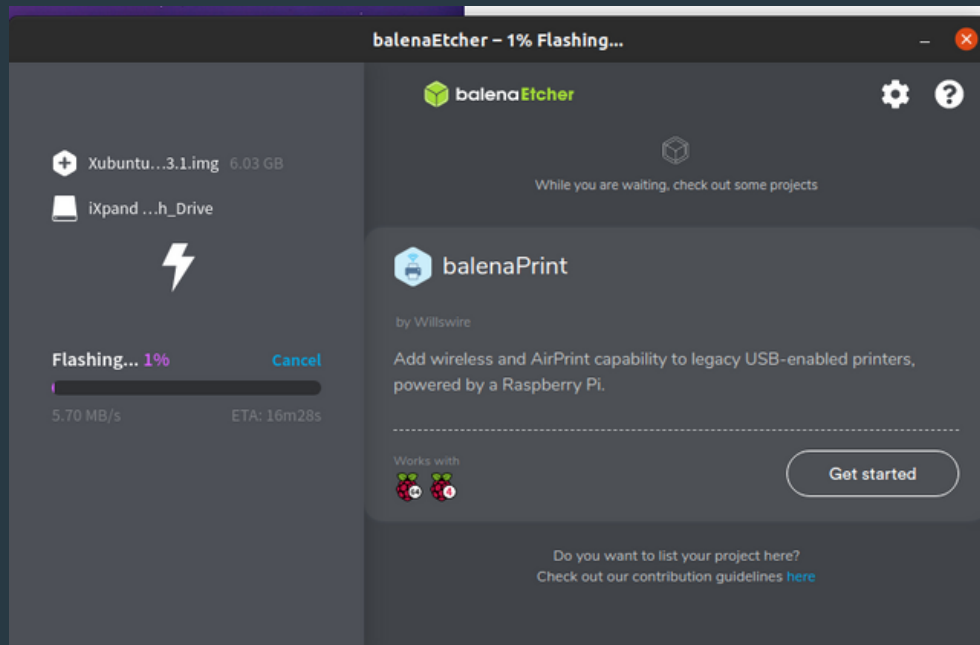


## 4-flshing the image to the USB using balena



## 4-flshing the image to the USB using balena





**5-plugging the USB to the jeston nano piece**

**6-installing xubuntu and setting up its configurantios just like regular ubuntu**

**7-installing ROS2 roxy by following the commands on the offical website:  
<https://docs.ros.org/en/foxy/Installation/Ubuntu-Install-Debian.html>**