??????????

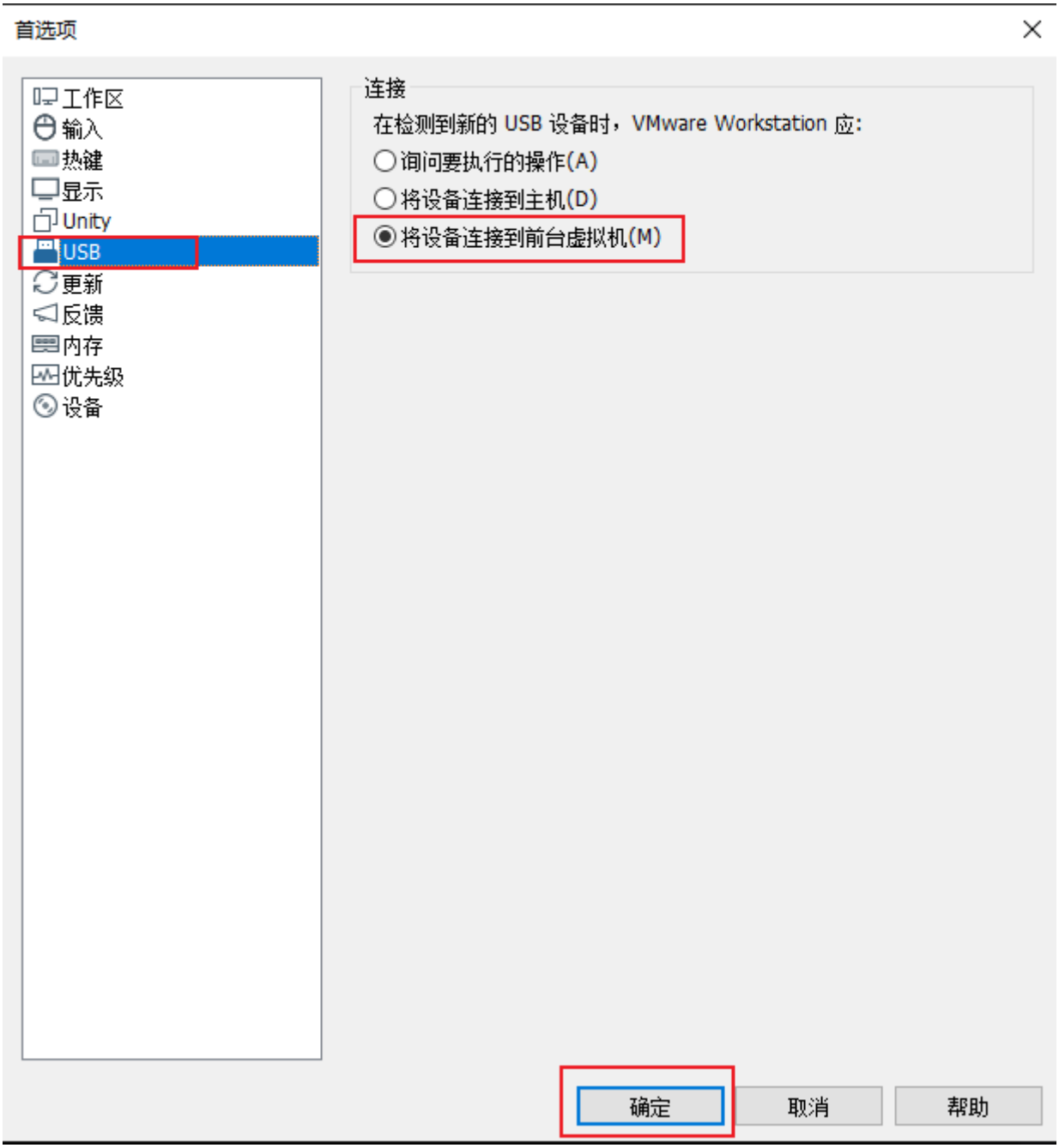
> □□□ Linux□□□ Linux□□□□□□□□□□□□□□□ SDK manager □□□□□□□ vmware□□□□□□□

1.??NVIDIA SDK Manager????

1.1 ??VMware?USB??

- □ USB□□□□□□□ □□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□





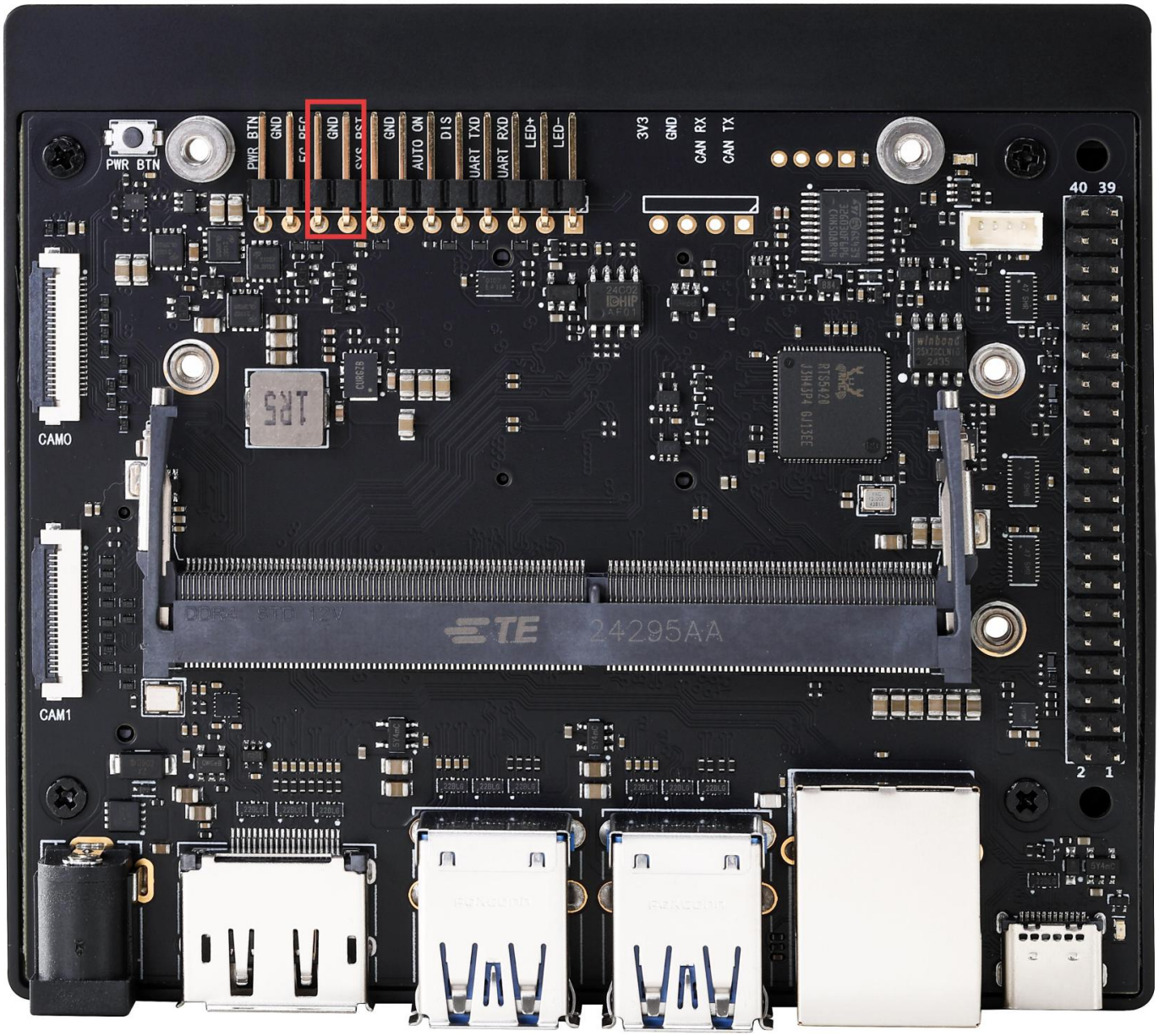
1.2 ??????

1. □□□□□□□□□□□□ **FC REC** □ **GND** □□□
2. □□ **USB to Tpye-C** □□□□□□□□□□□□□
3. □□□□□□ DC □□□

□□□□□□□□□□ SDK Manager □□□□□□□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□

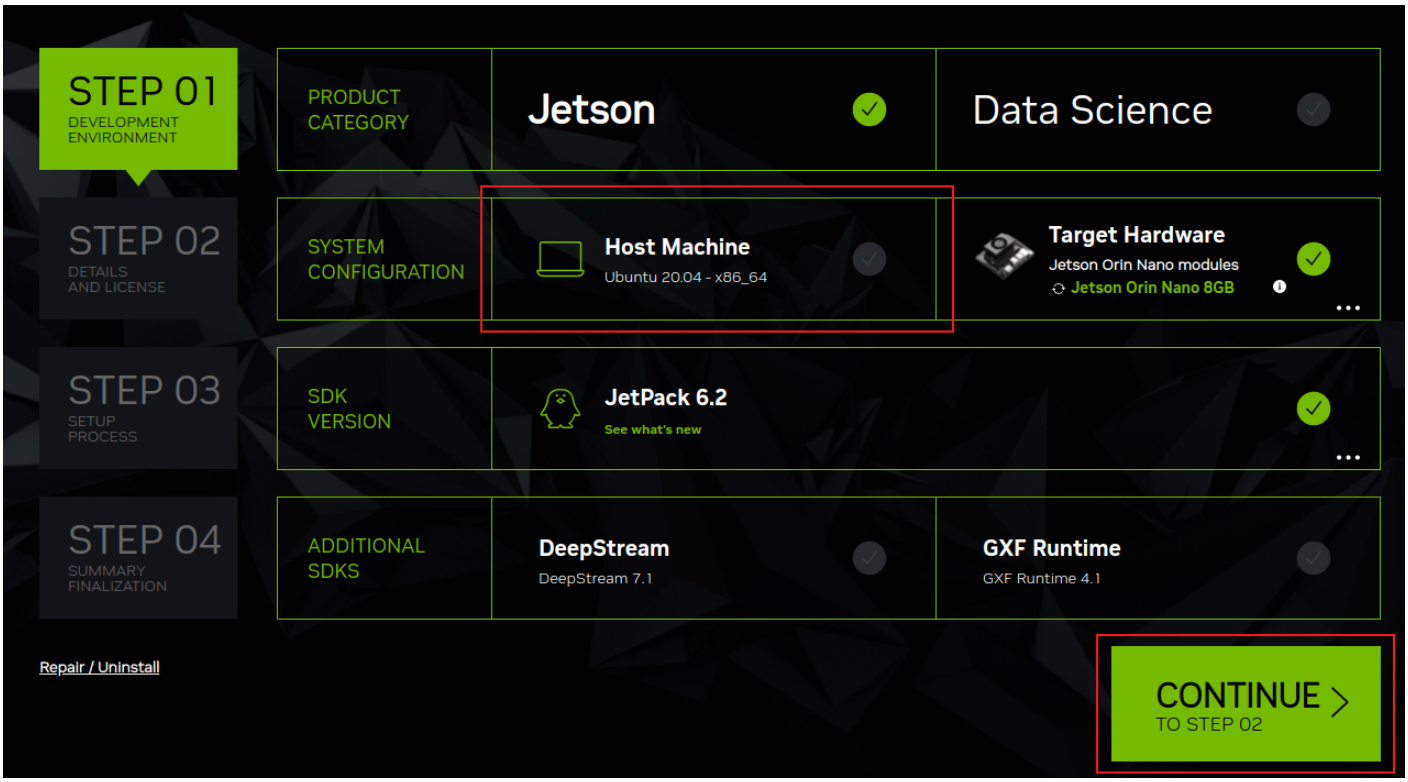
> □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□


PWR BTN
PWR BTN
GND
GND
GND
AUTO ON
DIS
UART TXD
UART RXD
LED+
LED-
3V3
GND
CAN RX
CAN TX
40 39
2 1
CAM0
CAM1
DDR4 STD 12V
TE
24295AA

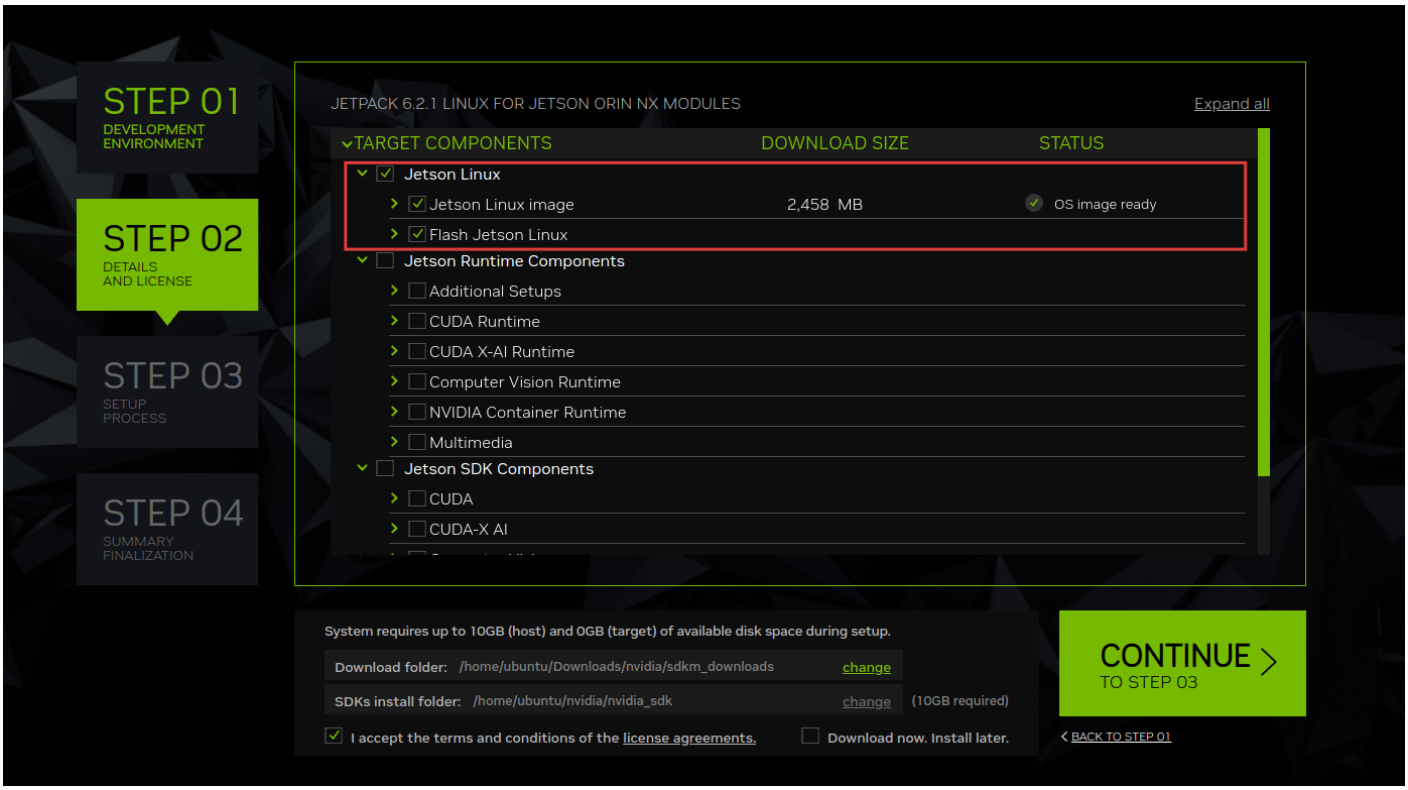


1.3 ??SDK

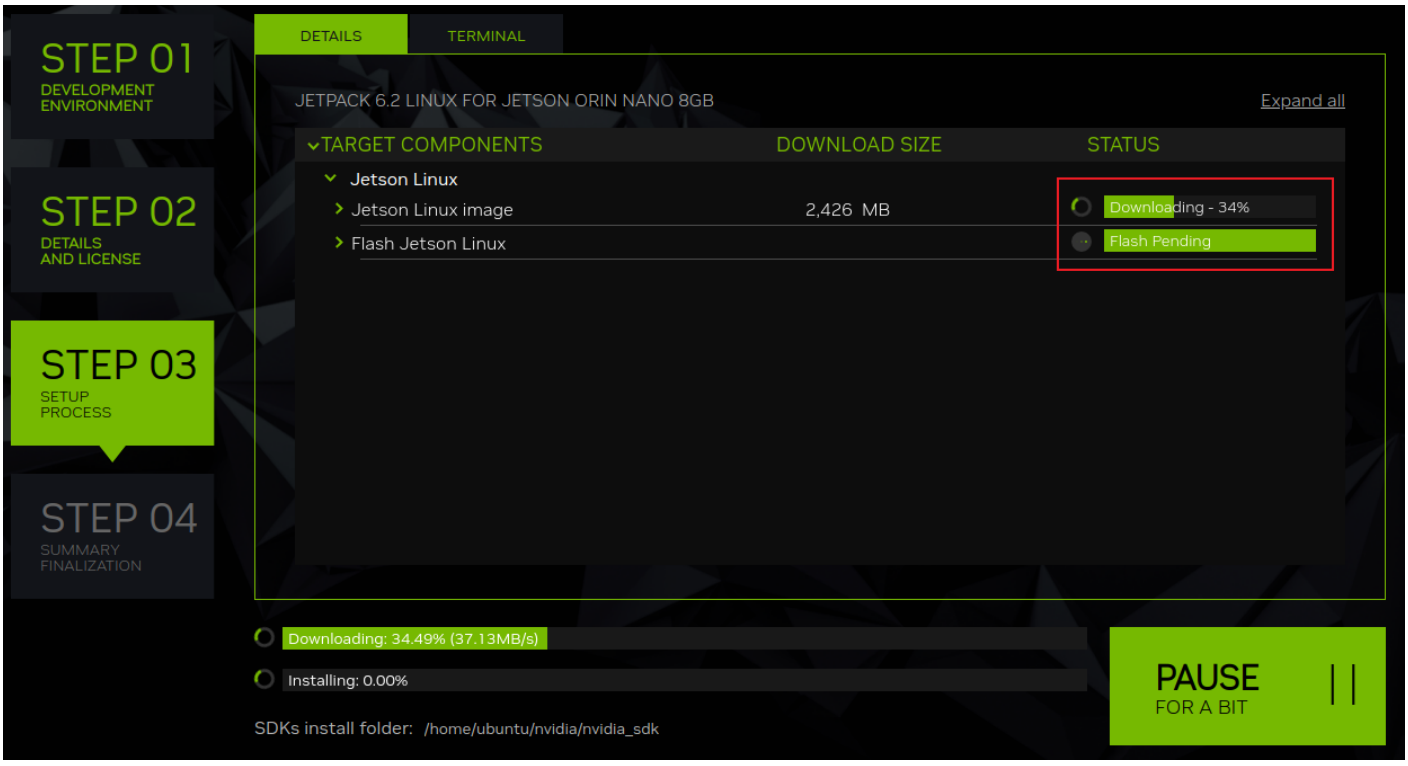
- □□ Host Machine□□□□ CONTINUE



- □□□ Jetson Linux



1.4 ??????

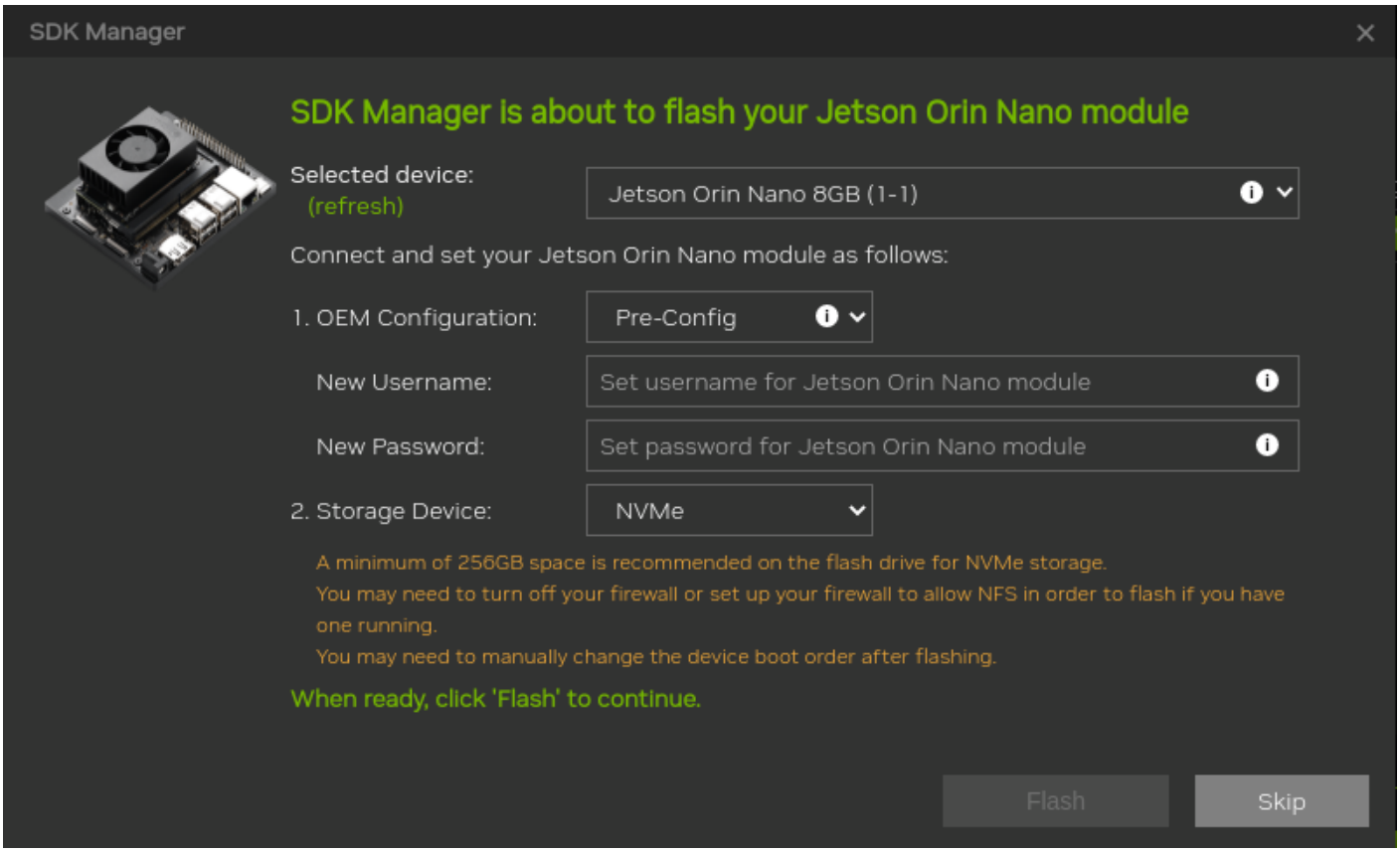


1.5 ??????

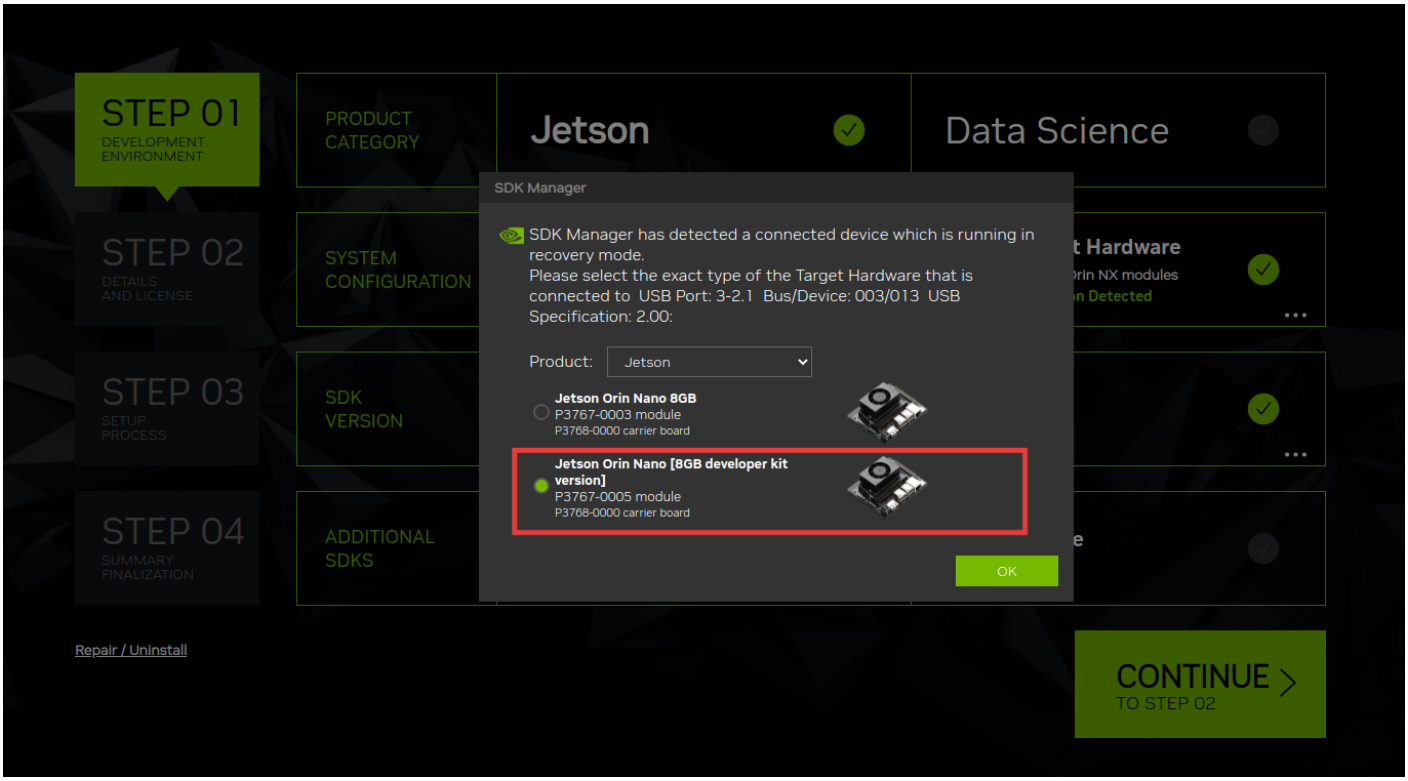
Pre-Config□□□□□□□

Runtime□□□□□□□□□□□

Storage Device□□□□□□□□□□□□□□□□□□□ (□□□ /□□□□ /U□)□

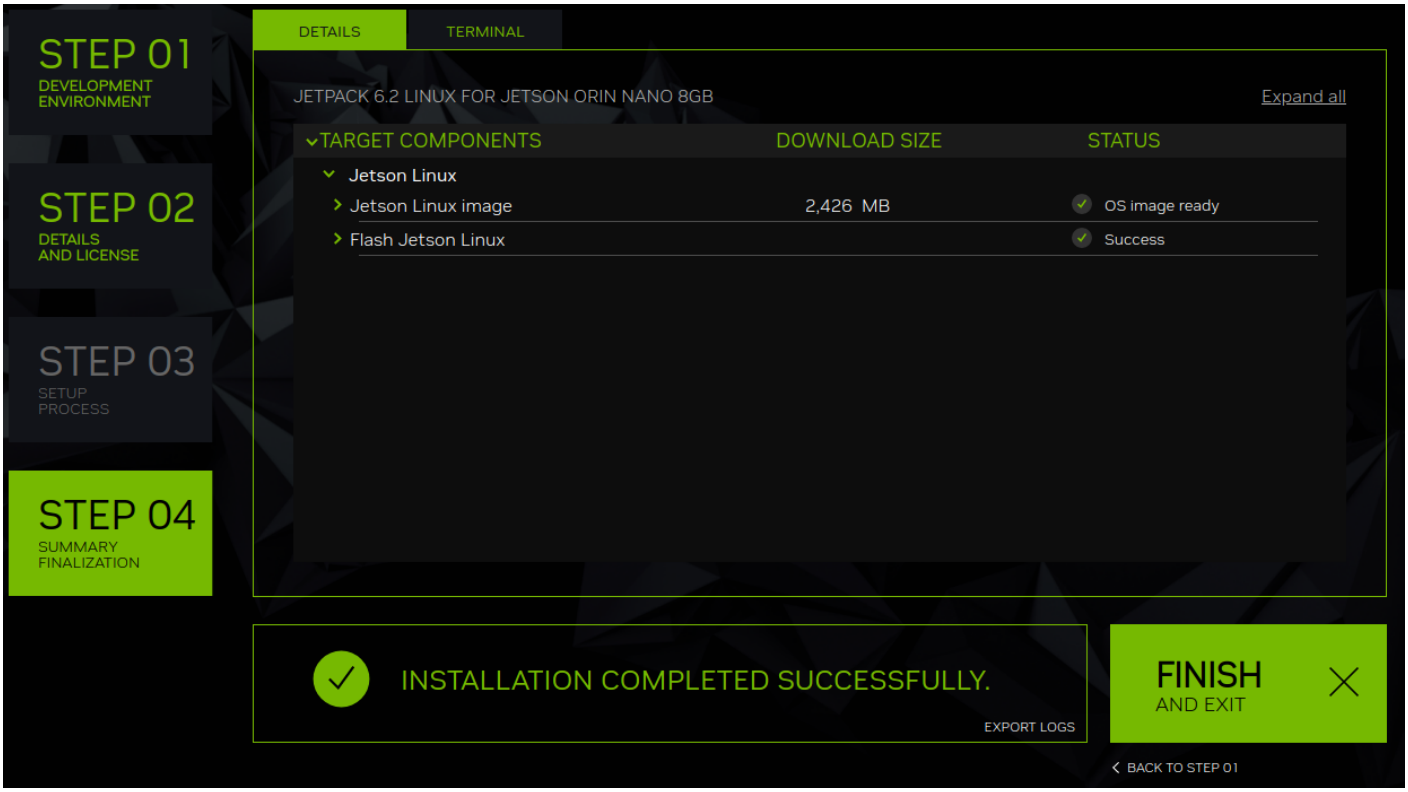


- □□ `developer kit version`□

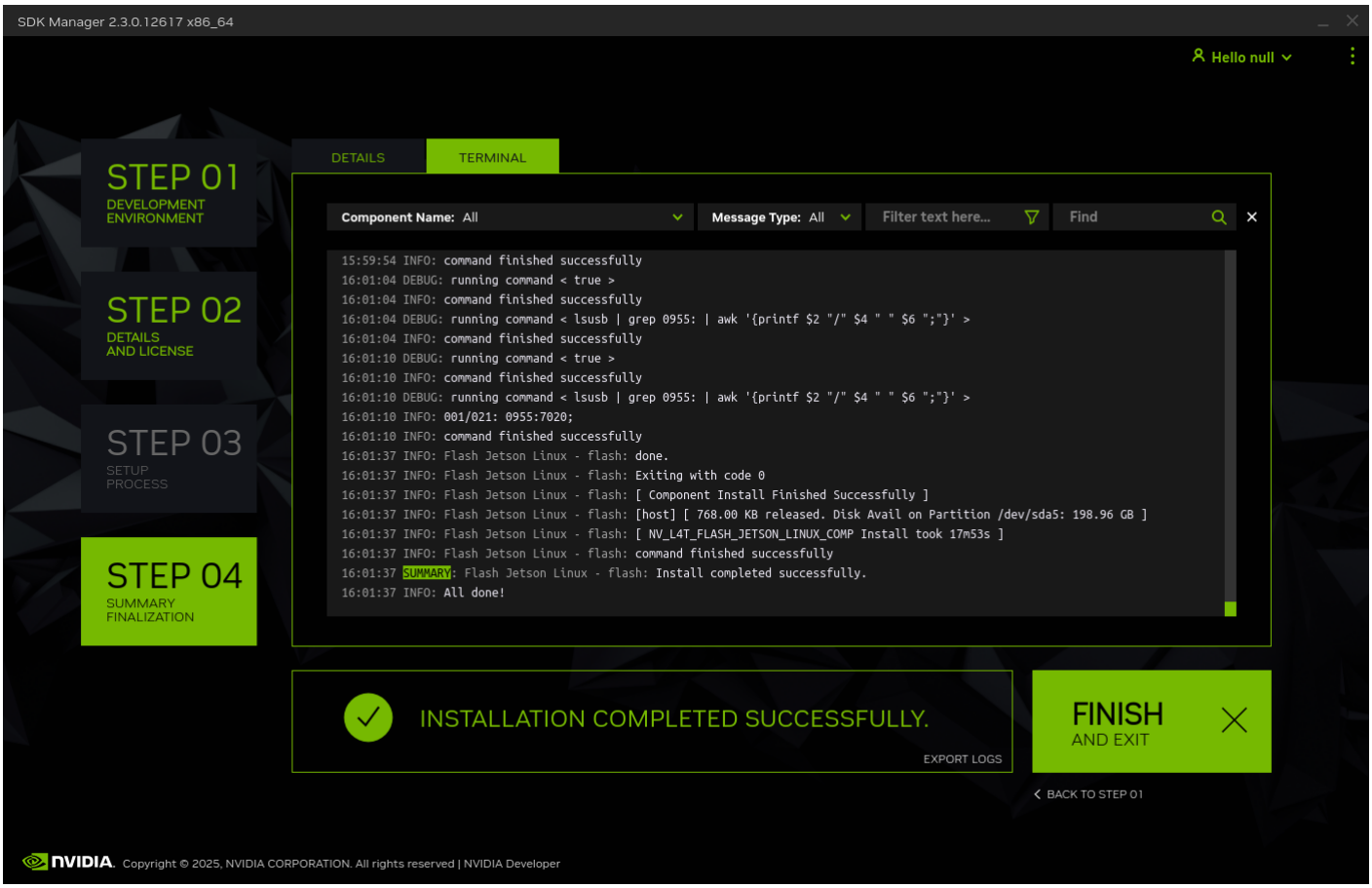


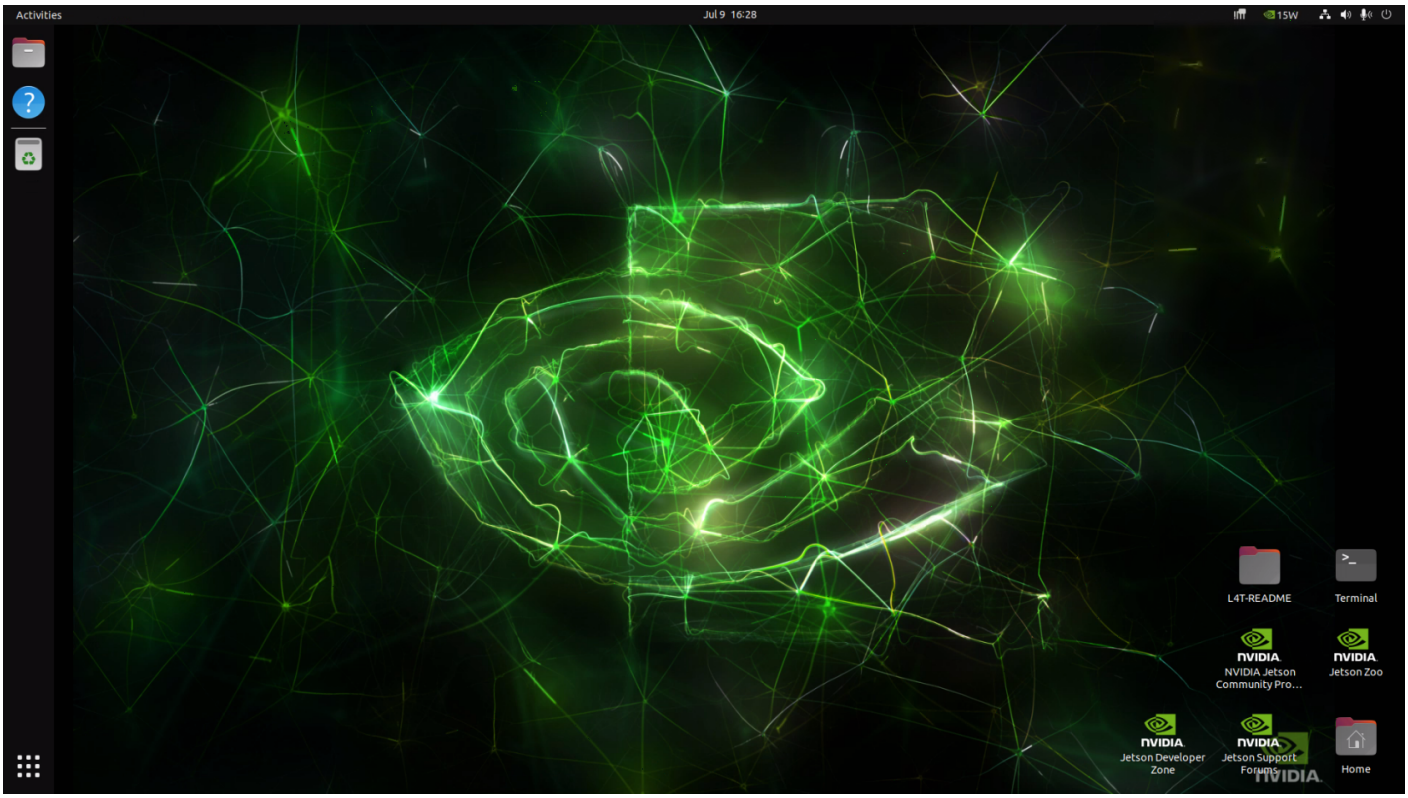
- □□□□□□□□□□□ 10~20□□□

> □


STEP 01
DEVELOPMENT ENVIRONMENT
STEP 02
DETAILS AND LICENSE
STEP 03
SETUP PROCESS
STEP 04
SUMMARY FINALIZATION
DETAILS
TERMINAL
JETPACK 6.2 LINUX FOR JETSON ORIN NANO 8GB
Expand all
TARGET COMPONENTS
DOWNLOAD SIZE
STATUS
Jetson Linux
Jetson Linux image
2,426 MB
OS image ready
Flash Jetson Linux
Success
INSTALLATION COMPLETED SUCCESSFULLY.
EXPORT LOGS
FINISH AND EXIT
BACK TO STEP 01

- [illegible]





2.???????super??

□□□□□□□□□□□□□□□□□ SDK Manager□□□□□□□□□□□□□□□□□□□□

2.1 ??????

- □□□□□□□ **FC REC□ GND□□□□** **Tpye-C**
  □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

2.2 ?????????????

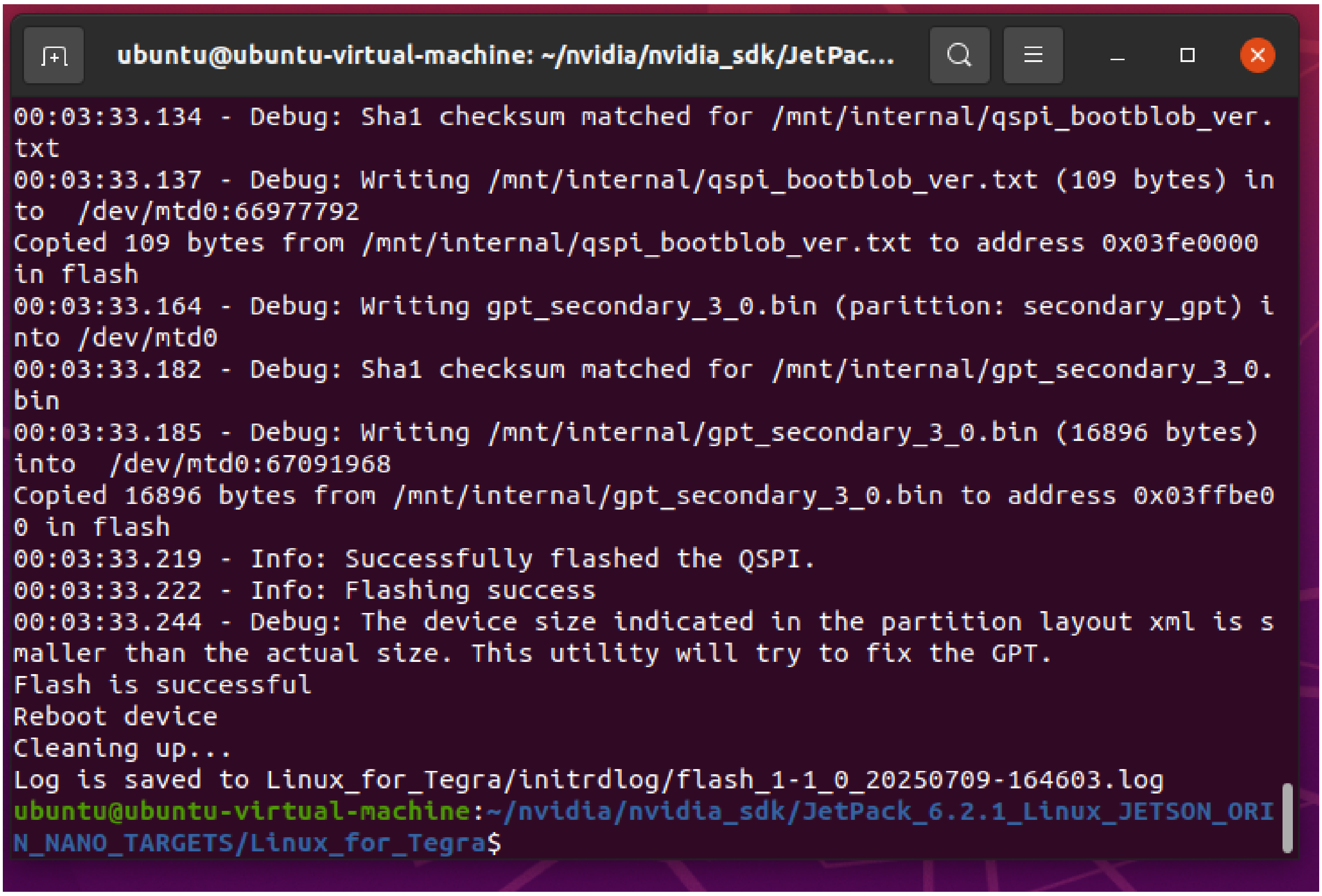
> □□□□□□□□□□□ SDK Manager□□□□□□□□□ 10~20□□

- JetPack6.2□□□□□□□

```
cd /home/ubuntu/nvidia/nvidia_sdk/JetPack_6.2.1_Linux_JETSON_ORIN_NANO_TARGETS/Linux_for_Tegra
#□□□□□□□□□□□□□□□□□□□□□□□□□□
sudo ./tools/kernel_flash/l4t_initrd_flash.sh --external-device nvme0n1p1 \
  -c tools/kernel_flash/flash_l4t_t234_nvme.xml -p "-c
bootloader/generic/cfg/flash_t234_qspi.xml" \
  --showlogs --network usb0 jetson-orin-nano-devkit-super internal
```

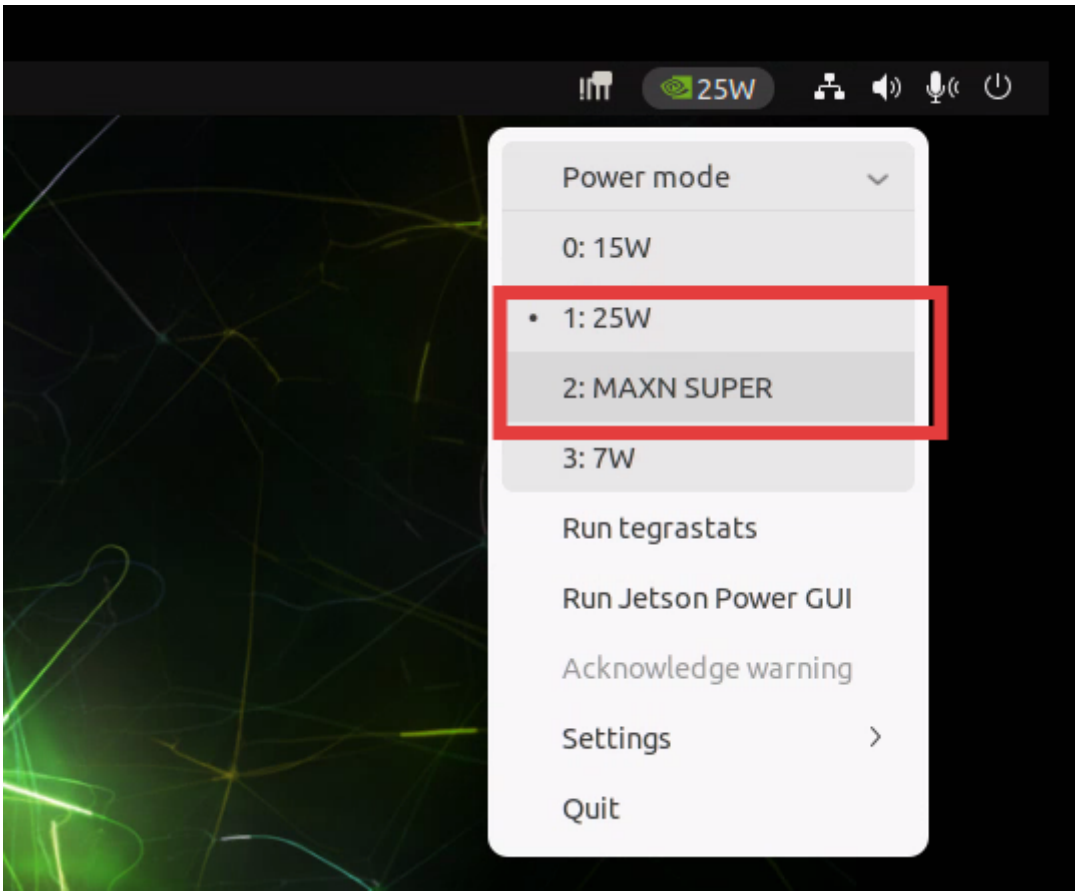
- JetPack5.1.5□□□□□□□

```
cd /home/ubuntu/nvidia/nvidia_sdk/JetPack_5.1.5_Linux_JETSON_ORIN_NANO_TARGETS/Linux_for_Tegra
#□□□□□□□□□□□□□□□□□□□□□□□□□□
sudo ./tools/kernel_flash/l4t_initrd_flash.sh --external-device nvme0n1p1\
  -c tools/kernel_flash/flash_l4t_external.xml -p "-c
bootloader/t186ref/cfg/flash_t234_qspi.xml"\
  --showlogs --network usb0 jetson-orin-nano-devkit-super internal
```



2.3 ??????super??

- □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ **25W** & **MAXN SUPER**□ super □□□□□□□□□□□□ **7W** □ **15W** □□□



3.??????????

3.1????

- □□□□□□□ **FC REC□ GND□□□□ Tpye-C**
  □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

  □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

```
sudo reboot -f forced-recovery
```

- □□□□□□□□□□□□□□□□□□

```
cd /home/ubuntu/nvidia/nvidia_sdk/JetPack_6.2.1_Linux_JETSON_ORIN_NANO_TARGETS/Linux_for_Tegra
#□□□□□□□□□□□□□□□□□□□□□□□□
```

- □□□□□□□□

```
sudo apt-get install qemu-user-static libxml2-utils abootimg sshpass nfs-kernel-server
binutils
```

- □□□□

```
sudo ./tools/backup_restore/l4t_backup_restore.sh -b -e nvme0n1 jetson-orin-nano-devkit-nvme
```

- □□□□

```
sudo ./tools/backup_restore/l4t_backup_restore.sh -r -e nvme0n1 jetson-orin-nano-devkit-nvme
```

□□□□□□□□□□□□□□□□□□ `nvrestore_partitions.sh` □□□ **292~296**□ □□□

```
278 # This block will check to make sure the model of the target board matches the
279 # model of the board the images came from.
280 for value in $(grep -v -e '(^ *$|^#)' < "${FILE_NAME}"); do
281         declare -a FIELDS
282         for part in {1..6}; do
283                 FIELDS[part]=$(echo "$value" | awk -F, -v part=${part} '{print $part}')
284         done
285         if [ "${FIELDS[1]}" = 'board_spec' ]; then
286                 set_board_spec
287                 if [[ "${FIELDS[2]}" == "${BOARD_SPEC}" ]]; then
288                         BOARD_MATCH=true
289                 fi
290         fi
291 done
292 #if [ ${BOARD_MATCH} = false ]; then
293 #       echo "${SCRIPT_NAME}: You are trying to flash images from a board model that does not"
294 #       echo "match the current board you're flashing onto."
295 #       exit 1
296 #fi
297
298 declare -A able_to_delete
```

□□□ #2

□ edit □□□ 11 □□□ 2025 07:20:10

□ edit □□□ 23 □□□ 2025 12:40:16