

# xavier nx

- [xavier NX 8GB - P3668-0001](#)
- [Instructions](#)

Download docker image ubuntu 20.04 from <https://developer.nvidia.com/nvidia-sdk-manager>

```
docker load -i ./sdkmanager-1.8.2.10409-Ubuntu_20.04_docker.tar.gz
docker tag sdkmanager:1.8.2.10409-Ubuntu_20.04 sdkmanager:latest
```

on host install qemu-user-static

[download](#)

```
paru -S qemu-user-static
```

[download](#)

```
# inspect
sdkmanager --query

# tegra link
ln -s
~/nvidia/nvidia_sdk/JetPack_5.0.2_Linux_JETSON_XAVIER_NX_TARGETS/Linux_
for_Tegra/ ~/tegra

# download
sdkmanager --cli downloadonly --logintype devzone --product Jetson --
version 5.0.2 --targetos Linux --host --target JETSON_XAVIER_NX_TARGETS
--select 'Jetson Linux' --deselect 'Jetson SDK Components' --license
accept --staylogin true --datacollection disable

# build
sdkmanager --cli install --logintype devzone --product Jetson --version
5.0.2 --targetos Linux --host --target JETSON_XAVIER_NX_TARGETS --
select 'Jetson Linux' --deselect 'Jetson SDK Components' --license
accept --staylogin true --exitonfinish --datacollection disable --
offline --downloadfolder ~/Downloads/nvidia/sdkm_downloads/ --flash
skip

# flash
sdkmanager --cli install --logintype devzone --product Jetson --version
5.0.2 --targetos Linux --host --target JETSON_XAVIER_NX_TARGETS --
select 'Jetson Linux' --deselect 'Jetson SDK Components' --license
accept --staylogin true --datacollection disable --exitonfinish --
flash all
```

From:  
<https://wiki.csgalileo.org/> - **Galileo Labs**

Permanent link:  
<https://wiki.csgalileo.org/projects/internetofthings/xavier-nx?rev=1663341816>

Last update: **2022/09/16 17:23**

