

# 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

# 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 --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
```

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