



装配NX风扇

插入NX载板

连接风扇线

烧写NX固件会清空硬盘
因此插入空硬盘

连接好NX供电线以及TYPE_C带OTG功能线

按住REC按钮上电进入烧写固件模式



打开SDKManager
jetpack选择5.1.3版本
其余按图勾选
之后选择continue

取消勾选
jetson runtime components
jetson sdk components

输入ubuntu密码

选择对应的NX
选择Pre-Config
账号密码都填写nv

等待

成功

STEP 01
DEVELOPMENT ENVIRONMENT

STEP 02
DETAILS AND LICENSE

STEP 03
SETUP TOOLBOX

STEP 04
SUMMARY FINALIZATION

PRODUCT CATEGORY

Jetson

Data Science

SYSTEM CONFIGURATION

Host Machine
Ubuntu 20.04 - x86_64

Target Hardware
Jetson Orin NX modules
Jetson Orin NX 16GB

SDK VERSION

JetPack 5.1.3
installed

ADDITIONAL SDKS

DeepStream
DeepStream 6.0

Repair / Uninstall

CONTINUE >
TO STEP 02

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JETPACK 5.1.3 LINUX FOR JETSON ORIN NX 16GB

Download all

HOST COMPONENTS

DOWNLOAD SIZE

STATUS

CUDA

3,269 MB

installed

NvSci

0.4 MB

installed

Computer Vision

97.5 MB

installed

Developer Tools

1,261 MB

installed

TARGET COMPONENTS

DOWNLOAD SIZE

STATUS

Jetson Linux

2,177 MB

OS image ready

Flash Jetson Linux

Flash Jetson Linux

Jetson Runtime Components

Jetson SDK Components

System requires up to 10GB (host) and 6GB (target) of available disk space during setup.

Download folder: /home/ysy/Downloads/jetson_sdk_linux_64

SDKs install folder: /home/ysy/jetson_sdk

1,261 MB

CONTINUE >
TO STEP 03

SDK Manager

Enter your password to perform administrative tasks:

[sudo] password for ysy:

OK

Cancel

SDK Manager

SDK Manager is about to flash your Jetson Orin NX module

Selected device: (refresh) Jetson Orin NX 16GB (1-4)

Connect and set your Jetson Orin NX module as follows:

1. OEM Configuration: Pre-Config

New Username: nv

New Password: ..

2. Storage Device: NVMe

A minimum of 256GB space is recommended on the flash drive for NVMe storage. You may need to turn off your firewall or set up your firewall to allow NFS in order to flash if you have one running. You may need to manually change the device boot order after flashing.

When ready, click 'Flash' to continue.

Flash

Skip

Download components successfully

Installing 91.90%

SDKs install folder: /home/ysy/jetson_sdk

PAUSE FOR BIT

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INSTALLATION COMPLETED SUCCESSFULLY.

EXPORT LOGS

FINISH AND EXIT