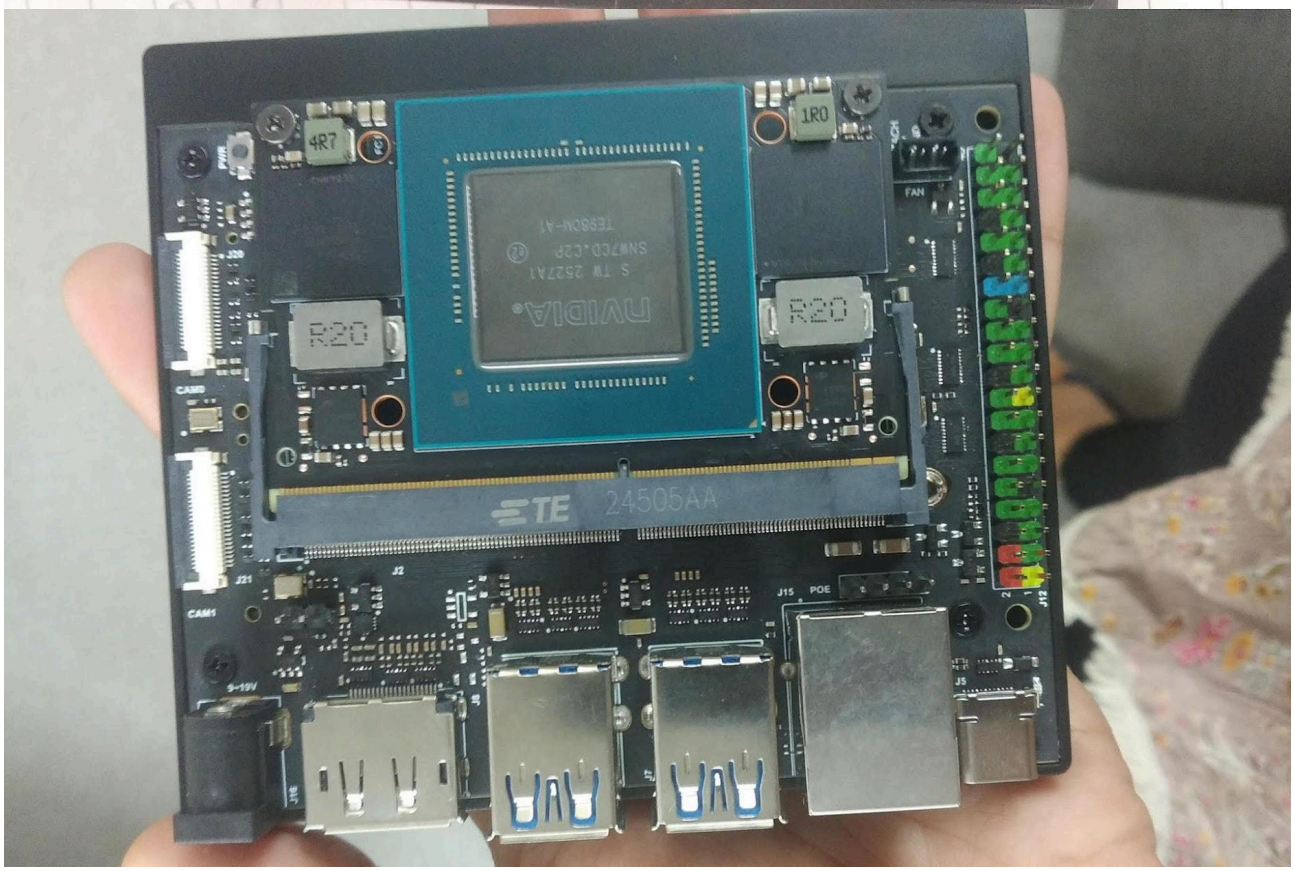
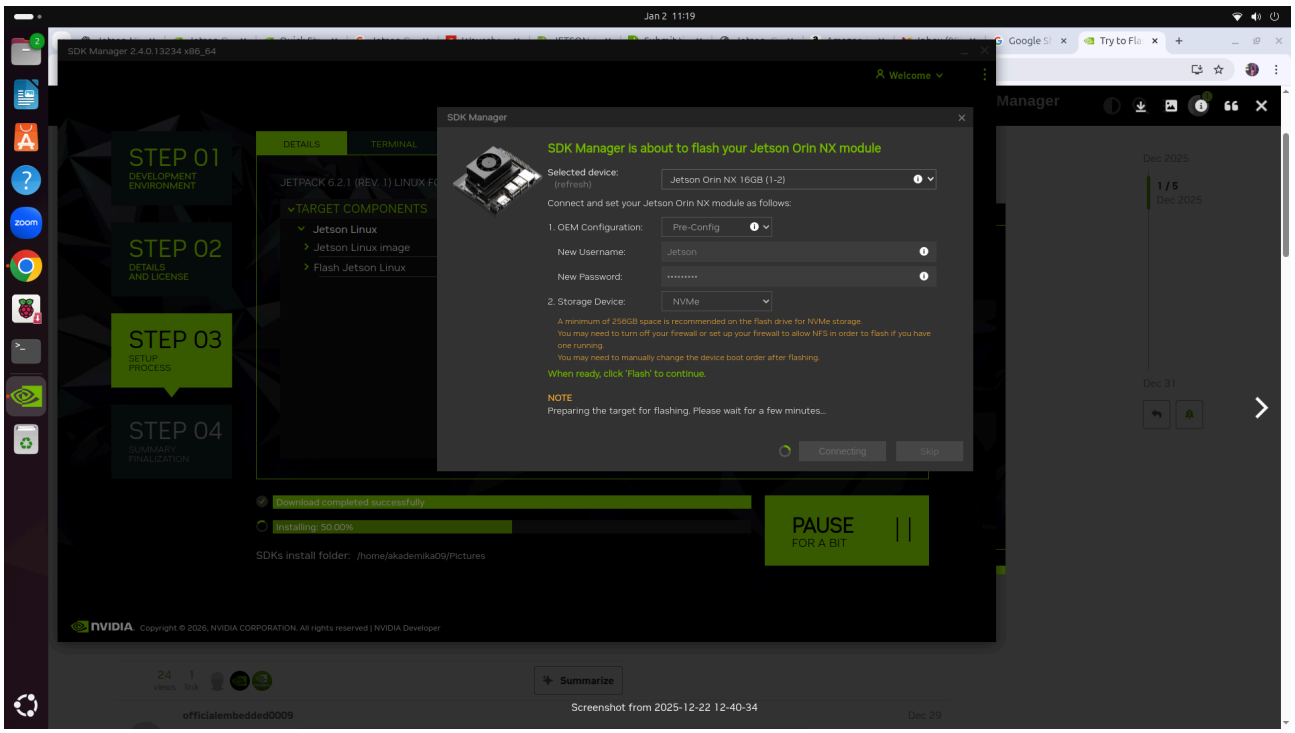
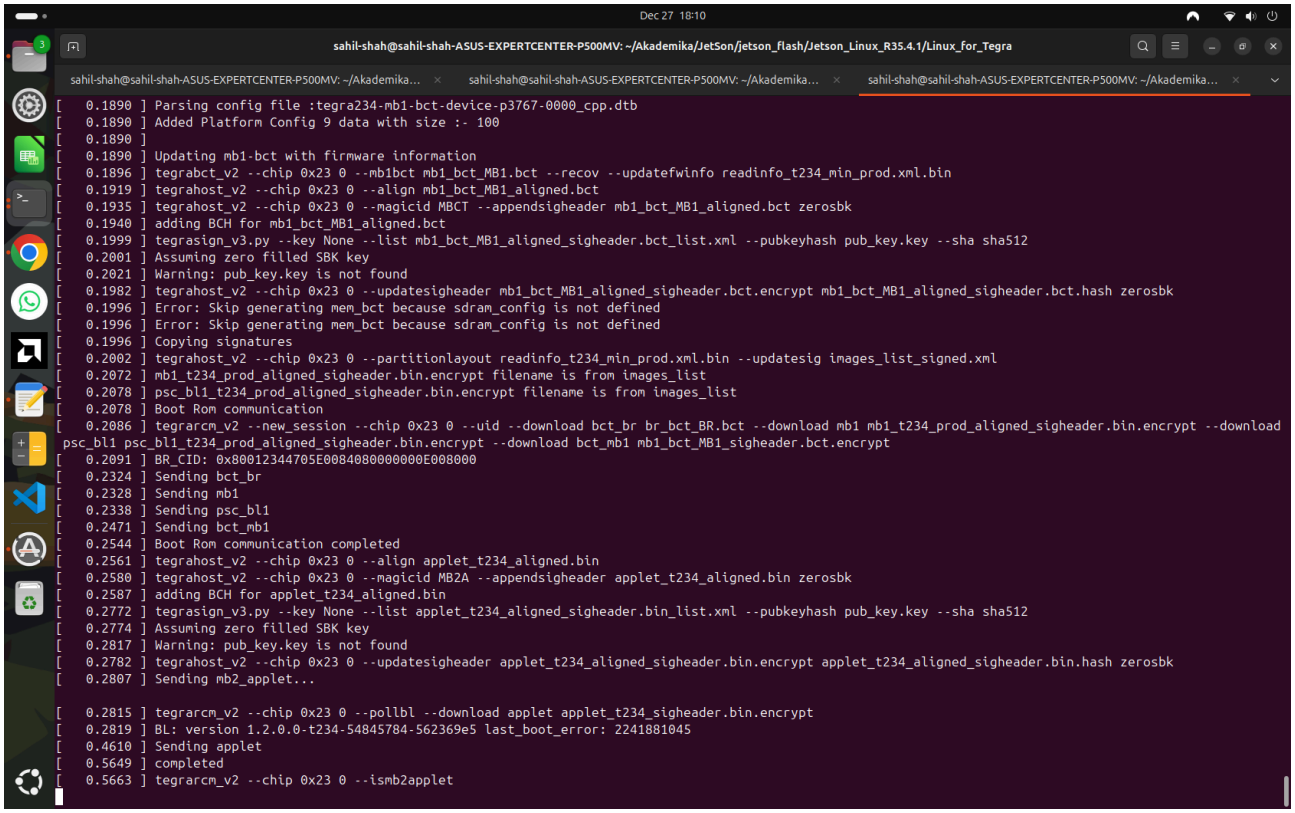
EVM
M.2 NVMe PCIe SSD
Gen 3x4 | 256 GB
Part No: EVMNV/256GB
EN2MR10252069
Warranty void if removed
R68
R68


NVIDIA
TE 24505AA
R20
R20
4R7
1R0
FAN
CAM0
CAM1
J21
J2
J15
POE
J12
J5
J16
9-19V


Jan 2 11:19
SDK Manager 2.4.0.13234 x86_64
Welcome
STEP 01
DEVELOPMENT ENVIRONMENT
STEP 02
DETAILS AND LICENSE
STEP 03
SETUP PROCESS
STEP 04
SUMMARY FINALIZATION
DETAILS
TERMINAL
TARGET COMPONENTS
Jetson Linux
Jetson Linux image
Flash Jetson Linux
SDK Manager
SDK Manager is about to flash your Jetson Orin NX module
Selected device:
(refresh)
Jetson Orin NX 16GB (1-2)
Connect and set your Jetson Orin NX module as follows:
1. OEM Configuration:
Pre-Config
New Username:
Jetson
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.
NOTE
Preparing the target for flashing. Please wait for a few minutes...
Connecting
Skip
Download completed successfully
Installing: 50.00%
SDKs install folder: /home/akademika09/Pictures
PAUSE
FOR A BIT
NVIDIA. Copyright © 2026, NVIDIA CORPORATION. All rights reserved | NVIDIA Developer
Summarize
Screenshot from 2025-12-22 12-40-34


Dec 27 18:10
sahil-shah@sahil-shah-ASUS-EXPERTCENTER-P500MV: ~/Akademika/JetSon/jetson_flash/Jetson_Linux_R35.4.1/Linux_for_Tegra
sahil-shah@sahil-shah-ASUS-EXPERTCENTER-P500MV: ~/Akademika...
sahil-shah@sahil-shah-ASUS-EXPERTCENTER-P500MV: ~/Akademika...
sahil-shah@sahil-shah-ASUS-EXPERTCENTER-P500MV: ~/Akademika...
[0.1890] Parsing config file :tegra234-mb1-bct-device-p3767-0000_cpp.dtb
[0.1890] Added Platform Config 9 data with size :- 100
[0.1890]
[0.1890] Updating mb1-bct with firmware information
[0.1896] tegrabct_v2 --chip 0x23 0 --mb1bct mb1_bct_MB1.bct --recov --updatefwinfo readinfo_t234_min_prod.xml.bin
[0.1919] tegrahost_v2 --chip 0x23 0 --align mb1_bct_MB1_aligned.bct
[0.1935] tegrahost_v2 --chip 0x23 0 --magicid MBCT --appendsigheader mb1_bct_MB1_aligned.bct zerosbk
[0.1940] adding BCH for mb1_bct_MB1_aligned.bct
[0.1999] tegrasign_v3.py --key None --list mb1_bct_MB1_aligned_sigheader.bct_list.xml --pubkeyhash pub_key.key --sha sha512
[0.2001] Assuming zero filled SBK key
[0.2021] Warning: pub_key.key is not found
[0.1982] tegrahost_v2 --chip 0x23 0 --updatesigheader mb1_bct_MB1_aligned_sigheader.bct.encrypt mb1_bct_MB1_aligned_sigheader.bct.hash zerosbk
[0.1996] Error: Skip generating mem_bct because sdram_config is not defined
[0.1996] Error: Skip generating mem_bct because sdram_config is not defined
[0.1996] Copying signatures
[0.2002] tegrahost_v2 --chip 0x23 0 --partitionlayout readinfo_t234_min_prod.xml.bin --updatesig images_list_signed.xml
[0.2072] mb1_t234_prod_aligned_sigheader.bin.encrypt filename is from images_list
[0.2078] psc_bl1_t234_prod_aligned_sigheader.bin.encrypt filename is from images_list
[0.2078] Boot Rom communication
[0.2086] tegrarcm_v2 --new_session --chip 0x23 0 --uid --download bct_br br_bct_BR.bct --download mb1 mb1_t234_prod_aligned_sigheader.bin.encrypt --download psc_bl1 psc_bl1_t234_prod_aligned_sigheader.bin.encrypt --download bct_mb1 mb1_bct_MB1_sigheader.bct.encrypt
[0.2091] BR_CID: 0x80012344705E0084080000000E008000
[0.2324] Sending bct_br
[0.2328] Sending mb1
[0.2338] Sending psc_bl1
[0.2471] Sending bct_mb1
[0.2544] Boot Rom communication completed
[0.2561] tegrahost_v2 --chip 0x23 0 --align applet_t234_aligned.bin
[0.2580] tegrahost_v2 --chip 0x23 0 --magicid MB2A --appendsigheader applet_t234_aligned.bin zerosbk
[0.2587] adding BCH for applet_t234_aligned.bin
[0.2772] tegrasign_v3.py --key None --list applet_t234_aligned_sigheader.bin_list.xml --pubkeyhash pub_key.key --sha sha512
[0.2774] Assuming zero filled SBK key
[0.2817] Warning: pub_key.key is not found
[0.2782] tegrahost_v2 --chip 0x23 0 --updatesigheader applet_t234_aligned_sigheader.bin.encrypt applet_t234_aligned_sigheader.bin.hash zerosbk
[0.2807] Sending mb2_applet...
[0.2815] tegrarcm_v2 --chip 0x23 0 --pollbl --download applet applet_t234_sigheader.bin.encrypt
[0.2819] BL: version 1.2.0.0-t234-54845784-562369e5 last_boot_error: 2241881045
[0.4610] Sending applet
[0.5649] completed
[0.5663] tegrarcm_v2 --chip 0x23 0 --ismb2applet