If you want to run machine learning applications on this device, it is the best choice. However, if not (for example you want to run ROS), use this device only if you could not find another device. This device is configured by Yihua Liu.

Username: Yihua

APT Sources: SJTUG ubuntu-ports mirrors

Android SDK version: r24.4.1

Bazel version: 0.26.1 (compiled) / 3.7.2 (bazelisk 1.10.1)

Clang version: 6.0.0-1ubuntu2

Clash version: 1.7.1

Go version: 1.17.3

Open MPI version: 4.1.1

Python version: 2.7.17

Python3 version: 3.6.9

V2Ray version: 4.43.0

JetPack

JetPack version 4.6 including CUDA Toolkit for L4T, cuDNN, TensorRT, OpenCV, VisionWorks, VPI, NVIDIA container runtime with Docker integration, Multimedia API

CUDA version: 10.2

cuDNN version: 8.2.1

Linux kernel version: 4.9.253-tegra

Linux system version: Ubuntu 18.04.6 LTS (bionic)

TensorRT version: 8.0.1-1+cuda10.2 (8.0.1.6)

Pip 21.3.1 packages

absl-py-0.12.0 astunparse-1.6.3 backports.entry-points-selectable-1.1.0 cachetools-4.2.4 cached-property-1.5.2 charset-normalizer-2.0.7 clang-5.0 cython-0.29.24 dataclasses-0.8 distlib-0.3.3 filelock-3.3.2 flatbuffers-1.12 future-0.18.2 gast-0.4.0 google-auth-2.3.3 google-auth-oauth-lib-0.4.6 google-pasta-0.2.0 grpcio-1.42.0rc1 h5py-3.1.0 importlib-metadata-4.8.1 importlib-resources-5.4.0 keras-2.7.0 keras-applications-1.0.8 keras-preprocessing-1.1.2 markdown-3.3.4 mock-3.0.5 numpy-1.19.4 oauthlib-3.1.1 opt-einsum-3.3.0 pbr-5.7.0 pipenv-2021.11.5.post0 pkgconfig-1.5.5 platformdirs-2.4.0 protobuf-3.19.1 pyasn1-0.4.8 pyasn1-modules-0.2.8 pybind11-2.8.1 requests-2.26.0 requests-oauthlib-1.3.0 rsa-4.7.2 setuptools-49.6.0 six-1.15.0 tensorboard-2.7.0 tensorboard-data-server-0.6.1 tensorboard-plugin-wit-1.8.0 tensorflow-2.6.0+nv21.9 tensorflow-estimator-2.7.0 termcolor=1.1.0 testresources-2.0.1 typing-extensions-3.7.4.3 virtualenv-20.10.0 virtualenv-clone-0.5.7 werkzeug-2.0.2 wheel-0.37.0 wrapt-1.12.1 zipp-3.6.0

Virtualenv ~/tf1 packages

astunparse-1.6.3 dataclasses-0.8 gast-0.3.3 h5py-2.10.0 importlib-metadata-4.8.2 markdown-3.3.4 numpy-1.18.5 opt-einsum-3.3.0 tensorboard-1.15.0 tensorflow-1.15.5+nv21.9 tensorflow-estimator-1.15.1 typing-extensions-3.10.0.2 werkzeug-2.0.2 zipp-3.6.0

Applications

Anaconda version: 4.10.1 (Python 3.8.8, GCC 10.2.0)

Android Studio version: 2020.3.1.25

TeamViewer Host version: 15.23.9

Visual Studio Code version: 1.62.0