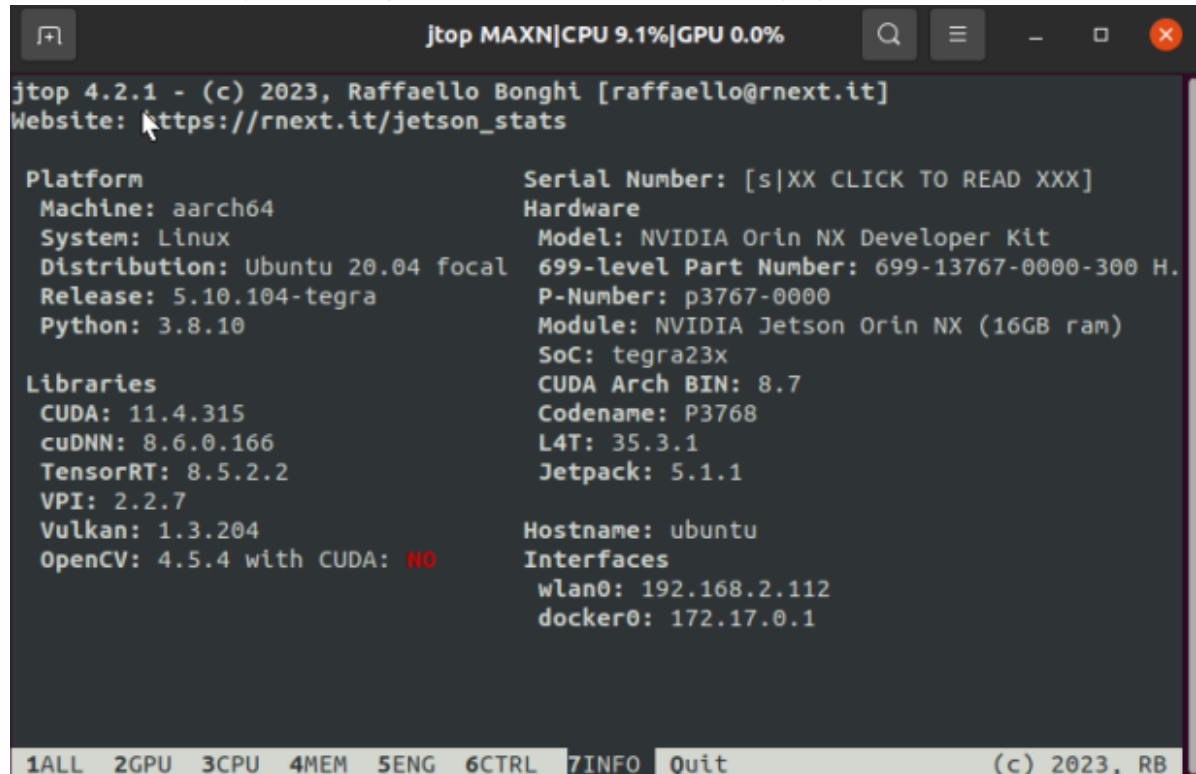


Jetson Orin nano system and desktop

Jetson Orin nano system

The system installed on yahboom is a yahbooom version based on the official Jetson system of ubuntu20.04. The system configuration is shown in the following figure:



```
jtop MAXN|CPU 9.1%|GPU 0.0%
jtop 4.2.1 - (c) 2023, Raffaello Bonghi [raffaello@rnext.it]
Website: https://rnext.it/jetson_stats

Platform
Machine: aarch64
System: Linux
Distribution: Ubuntu 20.04 focal
Release: 5.10.104-tegra
Python: 3.8.10

Serial Number: [s|XX CLICK TO READ XXX]
Hardware
Model: NVIDIA Orin NX Developer Kit
699-level Part Number: 699-13767-0000-300 H.
P-Number: p3767-0000
Module: NVIDIA Jetson Orin NX (16GB ram)
SoC: tegra23x
CUDA Arch BIN: 8.7
Codename: P3768
L4T: 35.3.1
Jetpack: 5.1.1

Libraries
CUDA: 11.4.315
cuDNN: 8.6.0.166
TensorRT: 8.5.2.2
VPI: 2.2.7
Vulkan: 1.3.204
OpenCV: 4.5.4 with CUDA: NO

Hostname: ubuntu
Interfaces
wlan0: 192.168.2.112
docker0: 172.17.0.1

1ALL 2GPU 3CPU 4MEM 5ENG 6CTRL 7INFO Quit (c) 2023, RB
```

available:

- Linux 64 bit system
 - ubuntu 20.04
 - python 3.8
 - CUDA 11.4
 - cuDNN 8.6
 - TensorRT 8.5
 - opencv 4.5.4
 - jetpack 5.1.1
 - jetson Orin nano (16GB)
- passwd: yahboom

Desktop Introduction

The Linux desktop is very simple and easy to understand. As long as it is turned on normally, you can directly enter the desktop. By connecting the mouse, keyboard, and monitor, you can operate the Jetson Orin nano like a computer.

Attached are some detailed desktop introduction links, which will not be elaborated in this tutorial

