seeed studio

INDUSTRIAL PRODUCT DATASHEET

# Jetson SUB Mini PC-Black with Jetson Xavier NX module, OLED screen, passive heat dissipation design, no-fan designing, 256GB SATA SSD, WiFi, Antennas and pre-installed JetPack System

Jetson SUB Mini PC-Black is based on the Jetson Xavier NX module, which delivers up to 21 TOPS, making it ideal for high-performance compute and AI in embedded and edge systems.

| SKU | UPDATED | PRICE |
| --- | --- | --- |
| 102110641 | 2026-11-11 10:05:04 | $699.00(Excl. VAT) |



# Overview




Jetson SUB Mini PC-Black is based on the Jetson Xavier NX module, which delivers up to 21 TOPS, making it ideal for high-performance compute and AI in embedded and edge systems. Big passive heat dissipation design and OLED make it convenient to achieve quiet and dust forbid situations. Rich peripherals including Dual gigabit ethernet ports, 4 USB 3.0 Type-A ports, and HDMI port. Check out more NVIDIA Jetson-powered edge devices comparison! [reComputer J2021 built with Jetson Xavier NX]

# Key Features

01 **Compact design for a mini PC with an overall dimension of 205mm x 130mm x 65mm.**

02 **Powered by NVIDIA Jetson Xavier NX module, delivers.**

03 **Rich peripherals including Dual gigabit ethernet ports, 4 USB 3.0 Type-A ports, and HDMI port.**

04 **Assembled Wifi module and antenna, 256 GB (2.5 inch SATA) SSD, OLED screen.**

05 **The carrier board comes with rich interfaces of 6 CSI and 5 SATA.**

06 **Big passive heat dissipation with fully-sealing design.**

07 **Pre-installed NVIDIA official JetPack software, ready to use !**

# Product Gallery









# Applications

- **AIoT**
- **Industrial IoT**
- **Computer Vision**
- **Smart Logistic**
- **Harsh environment(dusty, smoky, etc) suitable**
- **Sentiment Analysis:** Jetson Xavier NX is perfect for high-performance AI systems like commercial robots, medical instruments, smart cameras, high-resolution sensors, automated optical inspection, smart factories, and other AIoT embedded systems.
- **Jetson Xavier NX now features cloud-native support that lets developers build and deploy high-quality, software-defined features on embedded and edge devices. Pre-trained AI models from NVIDIA NGC and the TAO Toolkit give you a faster path to trained and optimized AI networks, while containerized deployment to Jetson devices allows flexible and seamless updates. Jetson Xavier NX accelerates the NVIDIA software stack with more than 10X the performance of its widely adopted predecessor, Jetson TX2.**
- **You can build fast AI projects with NVIDIA pre-trained models specially built for various industry examples, and accelerate the process model from the PoC to production. It can be easily used in common computer vision examples to collect statistics and statistics in dense artificial intelligence areas statistics. With its Passive heat dissipation and fully-sealing design, Jetson SUB Mini PC-Black is good to work in harsh environments like Industry, Datacenter, kitchens, Smart farms, hospitals, etc.**

# Resource Links

- https://www.seeedstudio.com/Jetson-SUB-Mini-PC-Black-p-5226.html
- Information of pre-installed Wifi module.pdf
- Flashing and Booting the Target Device
- Jetson SUB Mini PC-Black Pin Description
- Jetson Sub Mini PC Black Specification

**Seeed Technology Co.,Ltd.**
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

**Tel:** +86 0755-80695676
**Web:** www.seeed.cc
**Shop:** www.seeedstudio.com