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INDUSTRIAL PRODUCT DATASHEET

Jetson SUB Mini PC-Silver with Jetson Xavier NX module, Aluminium case with heatsink, 128GB SSD, WiFi, Antennas and pre-installed JetPack System

Jetson SUB Mini PC-Silver is powered by Jetson Xavier NX module, which delivers up to 21 TOPS, making it ideal for high-performance computing and AI in embedded and edge systems.

SKU	UPDATED	PRICE
102110642	2026-11-11 10:05:19	$849.00(Excl. VAT)



Overview



Jetson SUB Mini PC-Silver is powered by Jetson Xavier NX module, which delivers up to 21 TOPS, making it ideal for high-performance computing and AI in embedded and edge systems. The mini PC also includes the carrier board brings rich interfaces of 4 USB 3.1 Type-A ports, HDMI, and DP port, heatsink, aluminum enclosure, and preinstalled Jetpack. 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 130mmx90mmx60mm

02 Powered by the6-core NVIDIA Carmel ARM®v8.2 64-bit CPU 6MB L2 + 4MB L3

03 384-core NVIDIA Volta™ GPU with 48 Tensor Cores provides 21 TOPS AI performance

04 Rich peripherals including Gigabit Ethernet port, 4 USB 3.1 Type-A ports, HDMI port and DP port

05 Pre-installed Wifi module and antenna

06 Pre-installed 128GB (M.2 key M) SSD

07 Quiet cooling fan

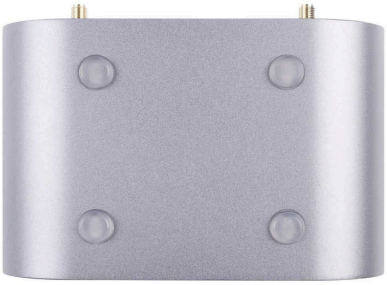
08 Whole oval aluminum frame

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

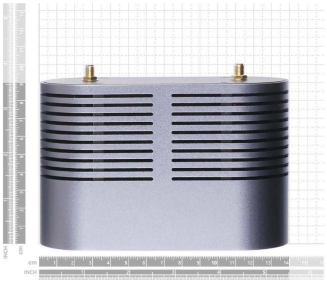
Product Gallery











Applications

- **AIoT**
- **Smart home**
- **Smart Office**
- **Computer Vision**
- **Education**
- **Light Outdoor Application**
- **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. For example, detecting personnel, detecting and diagnosing vehicles, detecting and identifying license plates at toll gates, parking management, patient movement monitoring in medical and health institutions, etc. Its small and neat design enables Mini PC-Silver to take a role in Smart Home and Smart Office Control.**

Resource Links

- https://www.seeedstudio.com/Jetson-SUB-Mini-PC-Silver-p-5227.html
- Flashing and Booting the Target Device
- Jetson SUB Mini PC-Silver pin description
- Jetson Sub Mini PC Silver Specification

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