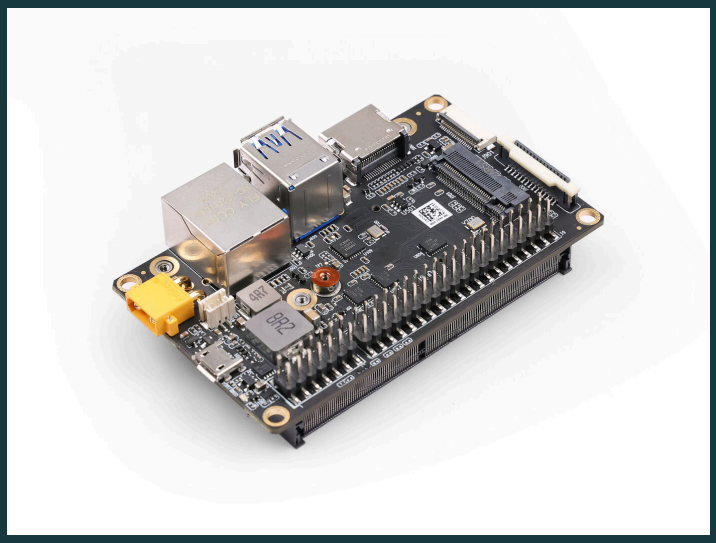
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INDUSTRIAL PRODUCT DATASHEET

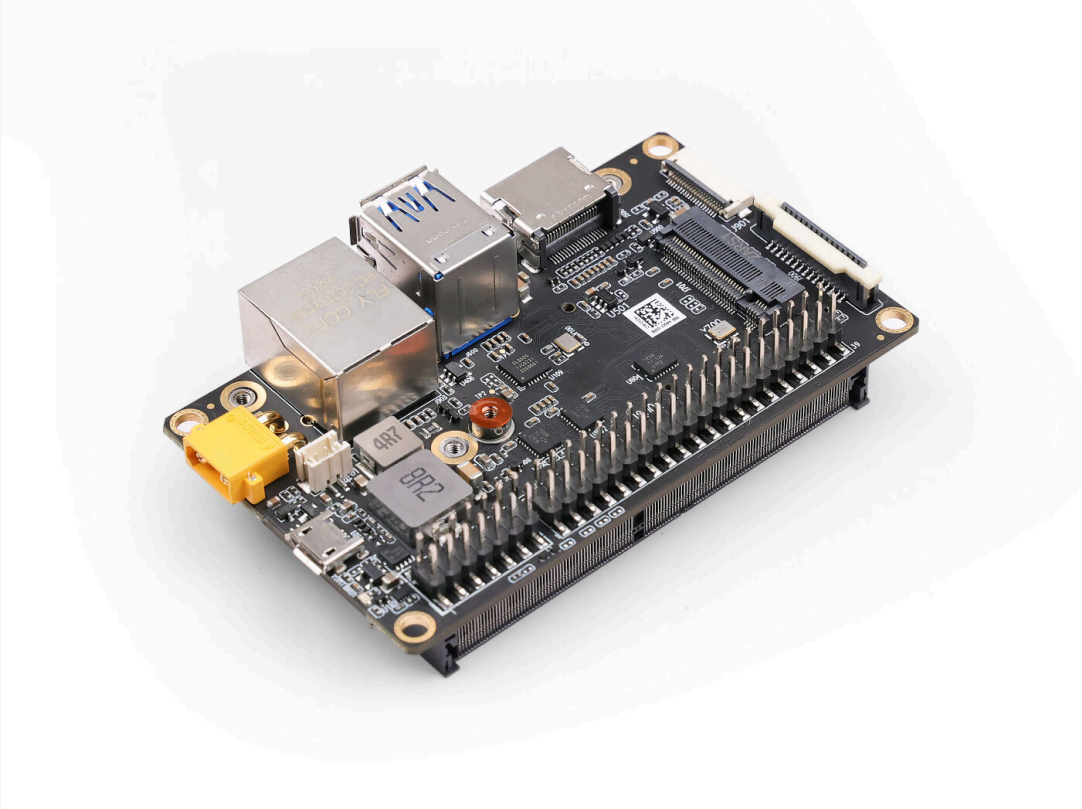
A603 Carrier Board for Jetson Orin™ NX/Orin™ Nano

Powerful extension board supporting Jetson Orin™ NX/Orin™ Nano modules.

SKU	UPDATED	PRICE
102110840	2026-11-14 01:03:08	$199.00(Excl. VAT)



Overview



Powerful extension board supporting Jetson Orin™ NX/Orin™ Nano modules. It features 1x GbE port, M.2 Key M for SSD, M.2 Key E for WiFi/BlueTooth, MIPI CSI and HDMI for high-quality video capture and display. It also contains 4x USB ports, fan, RTC, with flexible 9-20V power supply. By the compact design, it can be flexible and easily integrated into a variety of edge computing applications, saving space.

Key Features

01 **NVIDIA Jetson Carrier Board**

Support NVIDIA Jetson Orin™ NX/ Orin™ Nano

02 **Versatile Connectivity**

Offer 1x Gigabit Ethernet for networking, 2x USB 3.0 Type A, 1x USB 3.0 0.5mm pitch 20P ZIF, and 1x USB 2.0 Micro-AB for data transfer.

03 **Advanced Peripherals Supported**

Assemble 1x 15 pins CSI camera connector and 1x HDMI display for high-quality video content capturing and displaying, 1x fan, 1x RTC,1x M.2 PCIe Key E and 1x M.2 Key M interface for flexible storage and wireless connection.

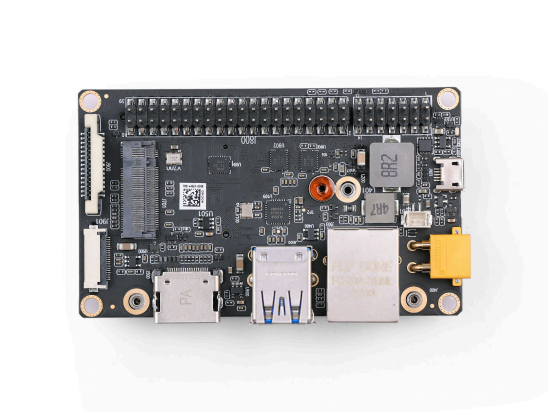
04 **Wide Range of Input Voltages**

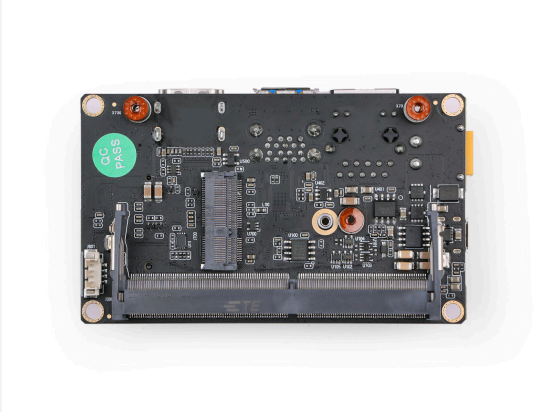
From 9-20V DC with input @ 7A, providing flexibility in power supply options.

05 **Compact and Durable during Operation**

Design in small size of 87mmx 52mmx 26mm to save operation space, maintaining function in the temperature range from -25°C to 65℃.

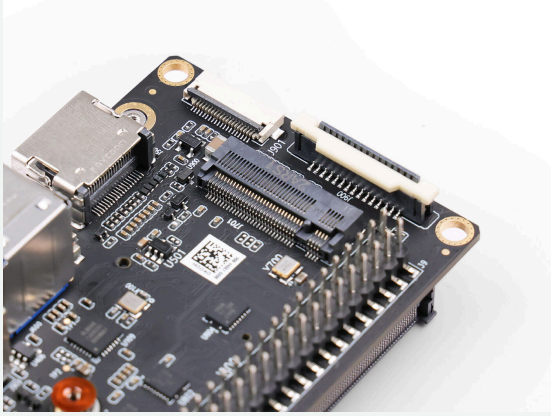
Product Gallery

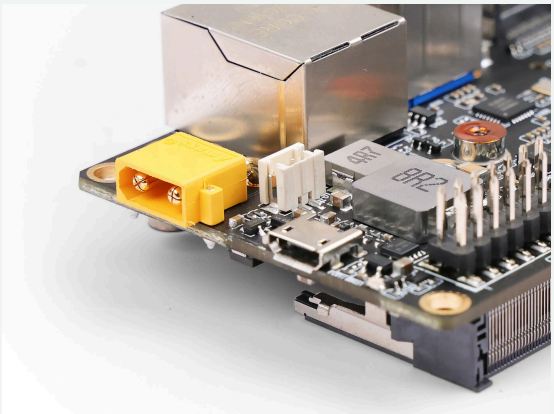


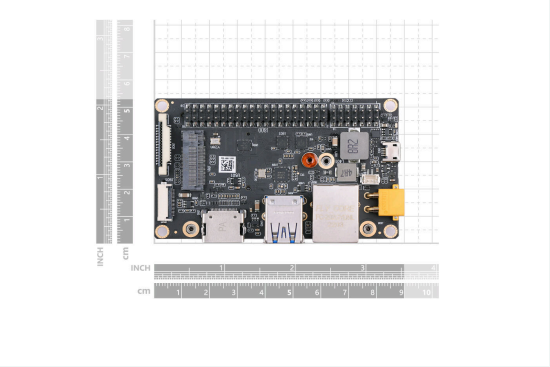




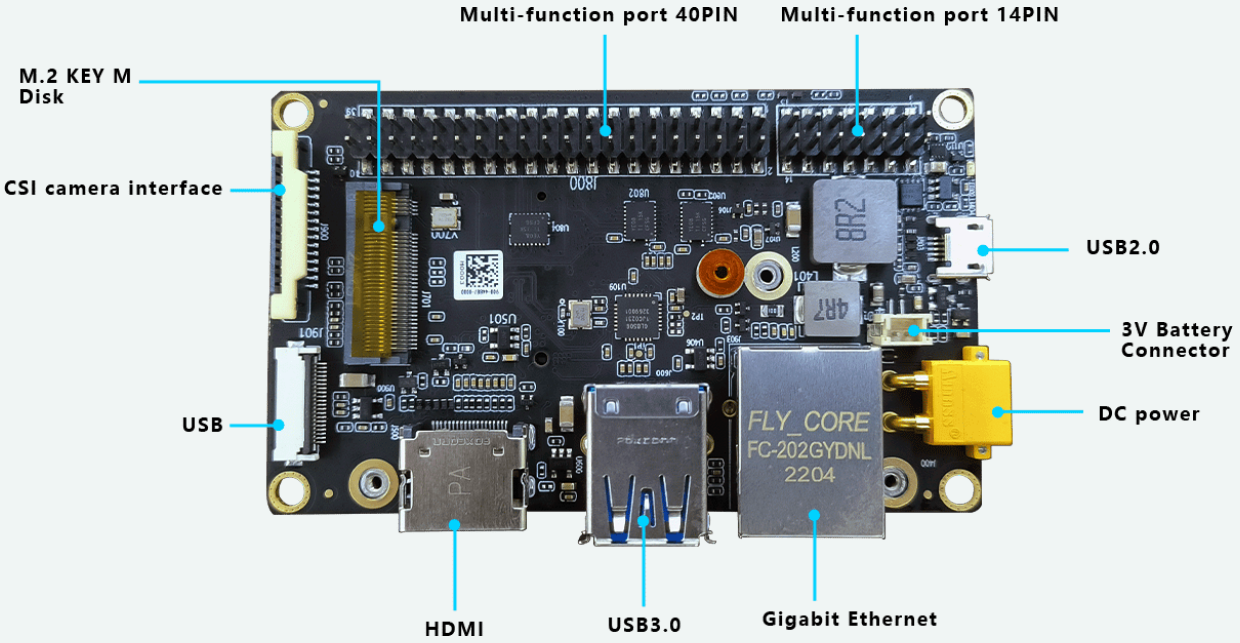


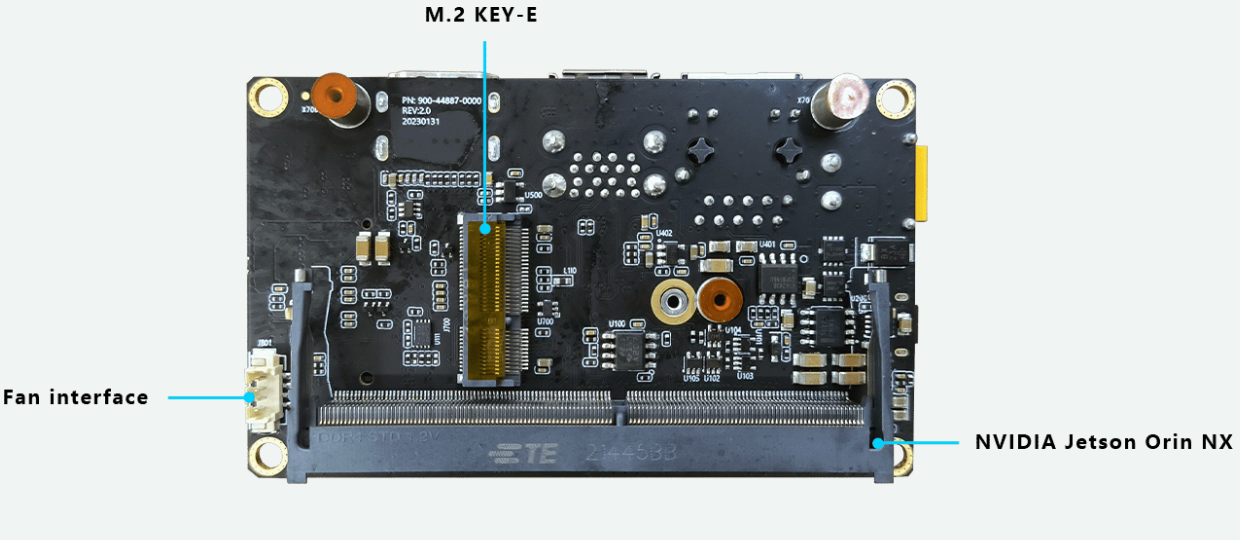





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Hardware Overview





Applications

- **Application Fields:**
- **Autonomous Mobile Robot (AMR)**
- **AI Video Analytics**
- **Machine Vision**
- **Generative AI**

Resource Links

- https://www.seeedstudio.com/A603-Carrier-Board-for-Jetson-Orin-NX-Nano-p-5635.html
- A603 Carrier Board Datasheet
- A603 Carrier Board PCBA
- A603 3D File
- NVIDIA Jetson Devices and Carrier Boards Comparisons
- Seeed NVIDIA Jetson Hardware Catalog

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