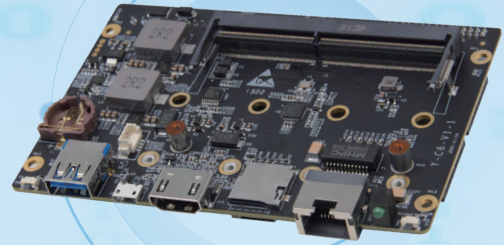


Y-C6 Carrier Board



Key Feature

- Compatible with Jetson™ Nano / TX2 NX / Xavier NX / Orin Nano / Orin NX
- Display: 1×HDMI
- Rich I/O: 1×RJ45, 1×USB3.0 Type-A, 1×Micro USB, 1×Micro SD, 1×CAN, 4×GPIO, 1×SPI, 1×I2C, 1×TTL, 2×RS232
- Expansion Slots: 2×miniPCIe (USB2.0 & PCIe x1)
- Camera: 2×MIPI CSI
- Operating Temperature: -40°C ~ +85°C
- Input Voltage: DC 9V ~ 24V

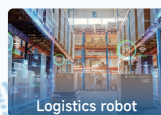
Introduction

Y-C6 is a high-compatibility edge AI carrier board built for NVIDIA® Jetson™ Nano/TX2 NX/Xavier NX/Orin Nano / Orin NX. With low cost, small size and high integration, it provides reliable hardware support for industrial edge AI deployments in logistics, smart retail, industrial inspection and smart agriculture.

It features industrial-grade high-reliability design with ESD, over-voltage and reverse polarity protection, and wide-temperature components for stable operation. Dual high-performance miniPCIe slots enable flexible expansion of multi-channel Gigabit Ethernet, 4G, USB3.0, SATA, high-capacity storage, video capture and multi-serial modules.



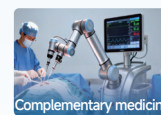
Website



Logistics robot



Crop growth monitoring



Complementary medicine

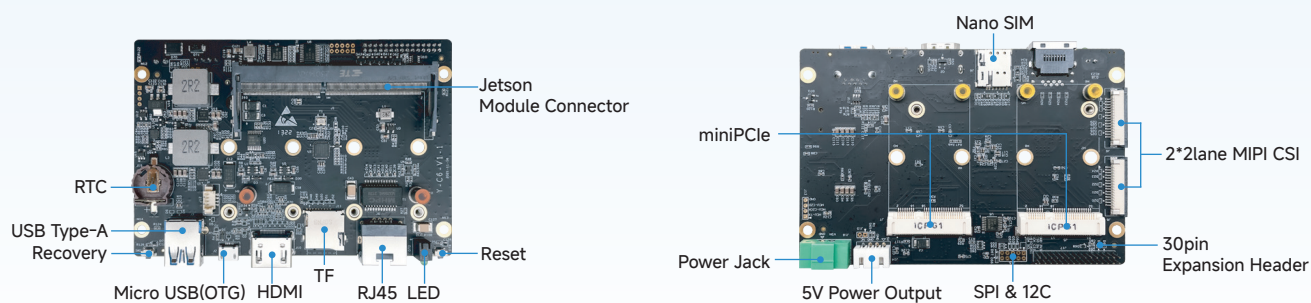


Collaborative robot

Specifications

Module	Jetson Nano/TX2 NX/Xavier NX/Orin Nano/Orin NX
Display	1 x HDMI
USB	1x USB3.0 Type-A、1x Micro USBz(OTG)
Networking	1x RJ45
SD Card	Micro SD
Button	1x Recovery、1x Reset
Camera	2x 2 Lane MIPI CSI
Expansion	2x miniPCIe、1x nano SIM
Functional Signals	1x CAN、1x SPI、4x GPIO、1x I2C
Serial Ports	2x RS232、1x TTL
Temperature	-40°C~+85°C
Dimensions	120mm × 80mm × 18.4mm
Power	DC+9V~ +24V
Weight	78g

Interfaces



Dimensions

