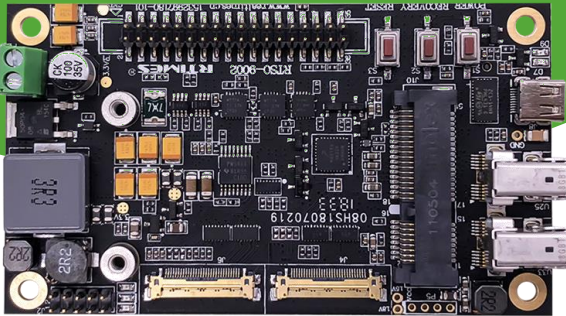




RTSO-9002 Carrier board
 PN: RTSO-9002
 Adaptive NVIDIA JETSON TX2/TX2i/TX2-4GB
 Vertion: V1.0

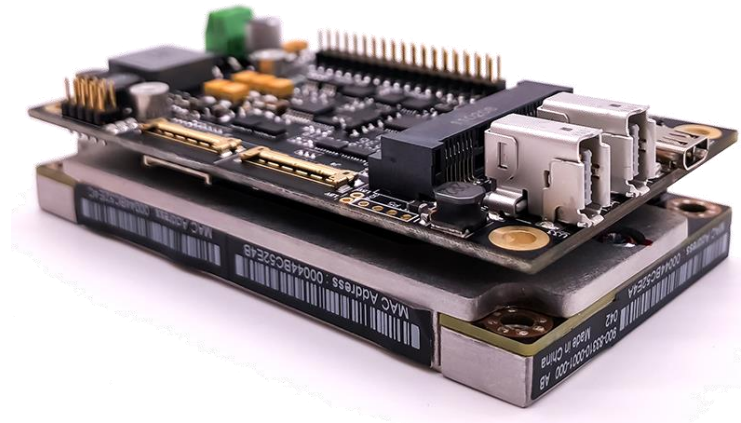


RTSO-9002 is a low-cost, small-size carrier board adapted to the NVIDIA Jetson TX2 module. The length and width of the carrier board are the same as those of the NVIDIA Jetson TX2 module, meeting the needs of compact deployment. For industrial deployment projects, the main interface has been designed for electrostatic safety protection, a high-reliability power supply scheme is adopted, a variety of interfaces, and the carrier board all use industrial components.

Product standard

Display	1 x Micro HDMI interface (Max 6Gbps, 24bpp, 4096x2160@60Hz)
USB	2 x USB3.0 interface (Each port has a 5Gbps bandwidth and provides 1A output current)
CAN	2 x CAN
Network	1 x GbE (10/100/1000 BASE-T)
Serial port	3 x 3.3V UART, 1 ↑ Debug UART
GPIO	4 x 3.3V Bit Programmable GPIO
SD	1 x SD cars solt
SIM	1 x SIM cars solt
camera interface	2 x MIPI CSI
SPI	1 x SPI
PCIe	1 x Mini-PCIe/mSata interface
I2C	1 x 3.3V I2C interface
RTC	1 x RTC interface
FAN	1 x Fan control interface
Power requirement	+7V~+19V
Size	87mm×50mm×16.63mm
Operating temperature	-40~+85°C
Weight	38.7g

Note: TX2 modules are rated to -25~+80°C



Physical connection withTX2 module

RoHS



NVIDIA.

Jetson Elite Partner