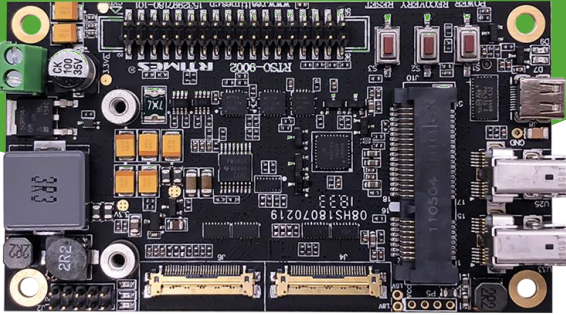




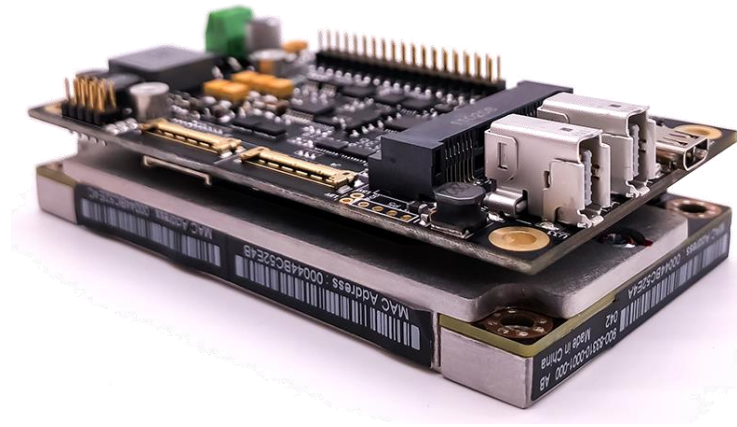
RTSO-9002 Carrier board
 PN: RTSO-9002
 Adaptive NVIDIA JETSON TX2/TX2i/TX2-4GB
 Version: V1.0



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 card slot
SIM	1 x SIM card slot
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
Replenish	Note:When the Jetson TX2 module is used with the RTSO-9002 carrier board of V1.0 and V1.1, only one of the Mini-PCIe function and USB3.0(U25) signal can be selected. When the Jetson TX2 module is used with RTSO-9002 carrier board of V1.2 and V1.3 , the USB3.0 signal of Mini-PCIe function can be enabled to work normally at the same time.



Physical connection with TX2 module

RoHS



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