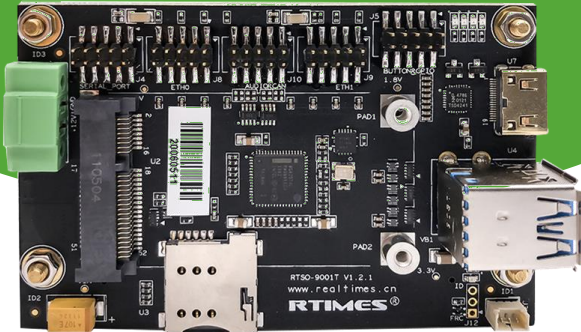




RTSO-9001 Carrier Board
 PN: RTSO-9001
 Adaptive NVIDIA JETSON TX2/TX2i/TX2-4GB
 Version: V1.0

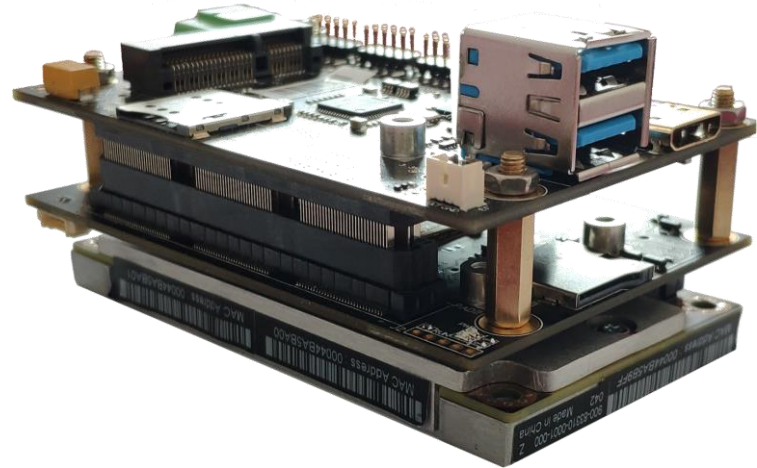


RTSO-9001 is a low cost, small size carrier with NVIDIA® Jetson™ TX2 module. The carrier consists of two board cards RTSO-9001T and RTSO-9001B stacked up and down. The length and width of the carrier board are the same as those of the NVIDIA Jetson TX2 module, meeting the needs of compact deployment. 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 Mini 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	2 x GbE (10/100/1000 BASE-T)
Serial port	2 x RS232/485/422 serial communication interface
GPIO	4 x 3.3V Bit Programmable GPIO
SD	1 x SD card slot
SIM	1 x SIM card slot
PCIE	1 x Mini-PCIe interface
camera interface	3 x MIPI CS
SATA	1 x mSATA interface
RTC	1 x RTC interface
FAN	1 x Fan control interface
Power requirement	+7V~+19V
Size	87mm×57mm×40mm
Operating temperature	-40~+85°C
Weight	85g

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



Physical connection with TX2 module

RoHS

