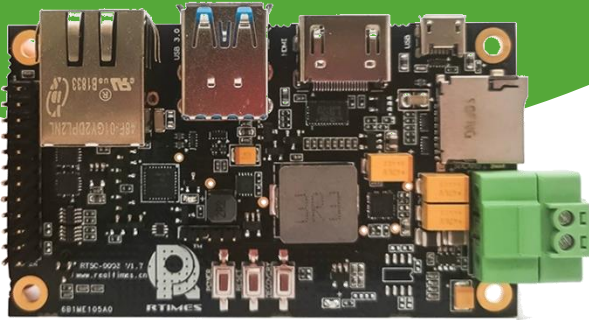




RTSO-9003U Carrier Board
 PN: RTSO-9003U
 Adaptive NVIDIA JETSON TX2/TX2i/TX2-4GB
 Version: V1.0

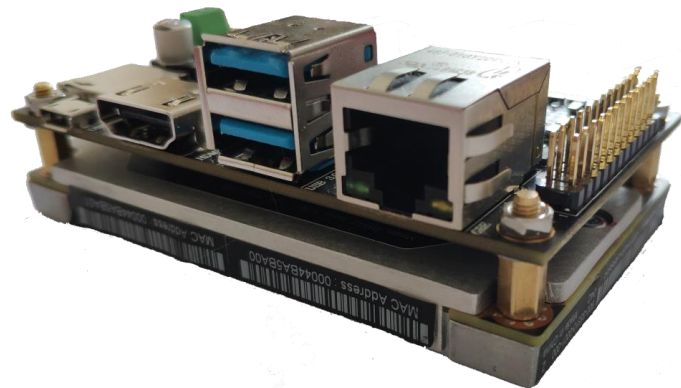


RTSO-9003U is a low-cost, small-size carrier board adapted to the NVIDIA Jetson TX2 module. The length and width of the carrier board are the same as those of the NVIDIA Jetson TX2 module, meeting the needs of compact deployment. For industrial deployment projects, the main interface has been designed 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 TYPE A HDMI interface (Max 6Gbps, 24bpp, 4096x2160@60Hz)
USB	2 x USB3.0 interface (Each port has a 5Gbps bandwidth and provides 1A output current) , 1 x Micro USB
CAN	2 x CAN
Network	1 x GbE (10/100/1000 BASE-T)
Serial port	1 x 3.3V UART, 1 x Debug UART
GPIO	4 x 3.3V Bit Programmable GPIO
SD	1 x SD card slot
I2C	1 x 3.3V I2C interface
FAN	1 x RTC interface
Power requirement	1 x Fan control interface
Size	+7V~+19V
Operating temperature	87mm×50mm×23mm
Weight	-40~+85°C
FAN	42.6g

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



Physical connection with TX2 module

RoHS



NVIDIA.

Jetson Elite Partner