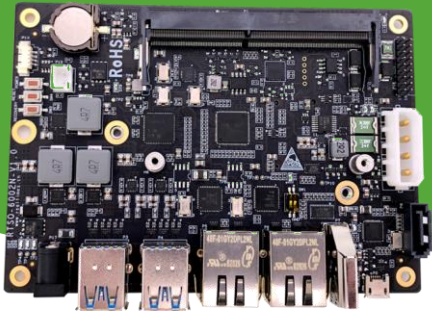




**RTSO-6002N Carrier Board**  
**PN: RTSO-6002N**  
**Adaptive NVIDIA Jetson Nano/Xavier NX/TX2\_NX**  
**Version: V1.0**

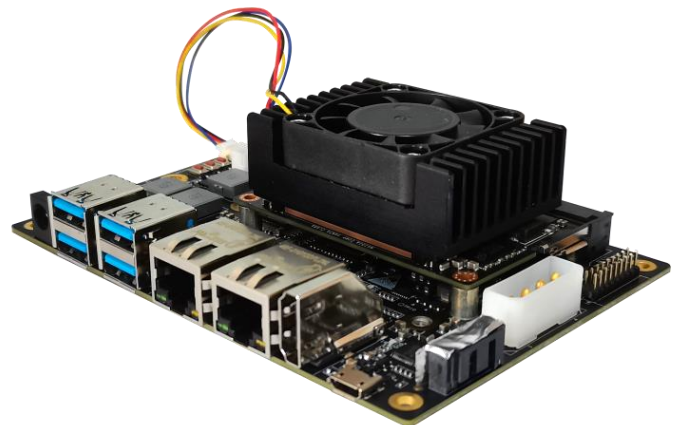


NVIDIA Jetson Nano/Xavier NX/TX2\_NX module are a processor suitable for machine deep learning introduced by NVIDIA, with powerful computing power and the module area is only the size of a credit card. It is mainly aimed at the fast-developing artificial intelligence market in recent years, such as unmanned aerial vehicles and autonomous driving systems, which have relatively broad application prospects. RTSO-6002N is an industrial-grade carrier board for Nano/Xavier NX/TX2\_NX, with an operating temperature of -40°C—+80°C, low power consumption, high security level, and can meet various harsh conditions.

**Product standard**

Display	1 x Mini HDMI 2.0 interface(Max 6Gbps, 24bpp, 4096x2160@60Hz)
USB	4 x USB Type A interface, Support USB2.0/USB3.0/USB3.1 signal , provides 1.5A output current , 1 x Micro USB interface , Supports USB host and USB device mode, provides 0.5A output current
Network	2 x GbE (10/100/1000 BASE-T)
M.2	1 x M.2-KEY-B interface, Internal support USB3.1/PCIE signal switching , Support 5G module,1 x M.2-KEY-E interface, Support Bluetooth/WiFi module
SD	1 x SD card slot
SIM	1 x SIM (Nano) card slot
SATA	1 x SATA interface
Other interfaces	1 x Multifunction interface ( Internal support 2 x CAN,2 x RS485,4 x GPIO(3.3V),1 x Debug UART,1 x Power Button,)
RTC	1 x RTC interface
FAN	1 x Fan control interface
Power requirement	+12V/8A
Size	127mm×49mm×30mm
Operating temperature	-40~+80°C
Weight	165g

Note: Nano/Xavier\_NX/TX2\_NX modules are rated to -



Physical connection with Nano/Xavier\_NX/TX2\_NX module

