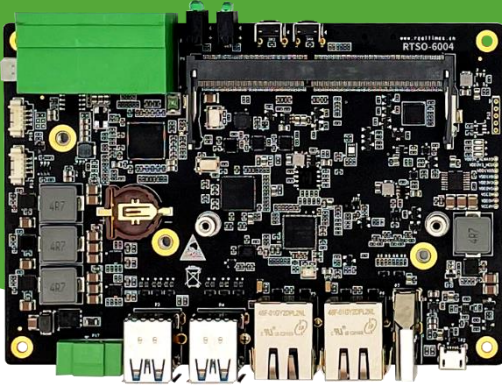




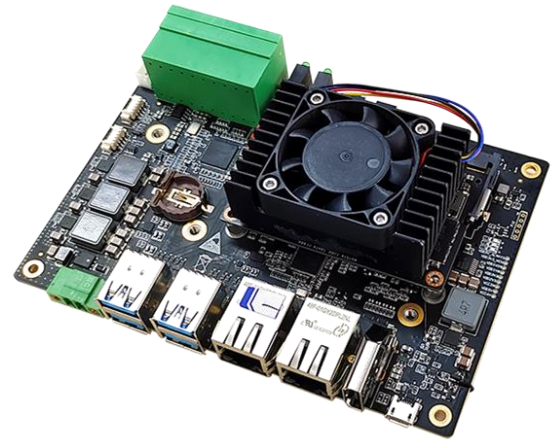
RTSO-6004 Carrier Board
 PN: RTSO-6004
 Adaptive NVIDIA Jetson Nano/Xavier NX/TX2 NX
 Hardware Version: V1.0



The NVIDIA Jetson Nano/Xavier NX/TX2 NX module is a processor suitable for machine deep learning launched by NVIDIA. It has 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-6004 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.

Type Interface	6004
Adaptation Core	Xavier NX/TX2 NX/Nano
Pre-Installed System	Ubuntu 18.04
USB Interface	4 x USB Type A interface, supports USB2.0, USB3.0/USB3.1 signals, and provides 1.5A output current, 1 x Micro USB port, supports USB host and USB device modes, and provides 0.5A output current
HDMI	1 x HDMI 2.0 interface (Max 6Gbps, 24bpp, 4096x2160@60Hz)
Network Port	2 x GbE (10/100/1000 BASE-T)
RTC Interface	1 x RTC interface
M.2 Interface	1 x M.2-KEY-B interface, internally supports USB3.1/PCIE signal switching, supports 5G module, 1 x M.2-KEY-E interface, support Bluetooth/WIFI module, 1 x M.2-KEY-M interface, support NVMe SSD
Multi-function interface	1 x multi-function interface (internal support 2 x CAN, 2 x RS485, 4 x GPIO (3.3V), 1 x Debug UART, 1 x Power Button, 1 x RESET, 1 x RECOVERY)
SD Interface	1 x Micro SD card slot
SIM Interface	1 x SIM (Nano) card slot
FAN Interface	2 x Fan control interface
Dimensions	139mm*101mm*38mm
Power Requirements	+12V
Operating Temperature	-40°C~+80°C
Weight	About 130.4g

Note: Nano/Xavier NX/TX2 NX modules are rated to -25~+80°C



Physical connection with Nano/Xavier NX/TX2 NX module

