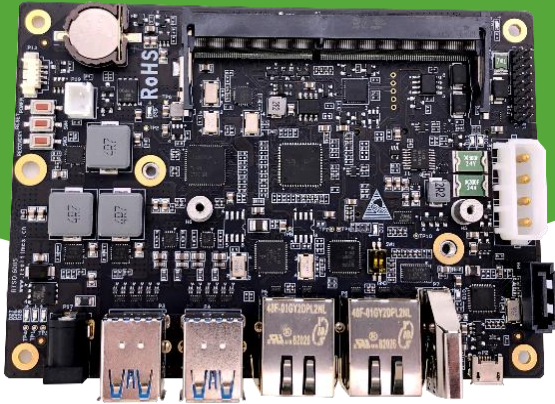




RTSO-6005 Carrier Board
PN: RTSO-6005
Adaptive NVIDIA Jetson Nano/Xavier NX/TX2 NX
Version: V1.0

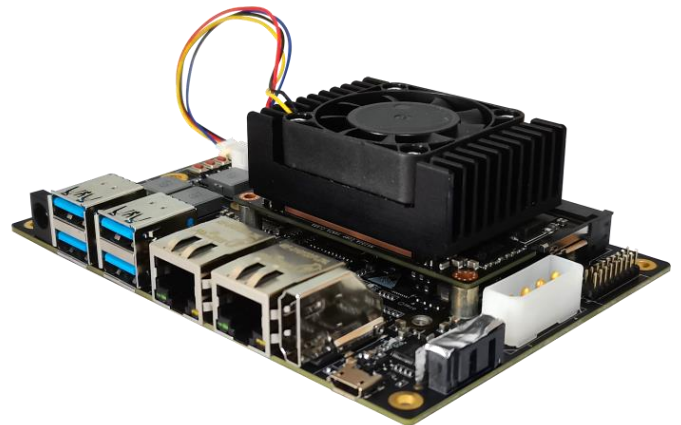


The NVIDIA Jetson Nano/Xavier NX/TX2 NX module is a processor suitable for machine deep learning launched by NVIDIA. It has powerful computing power and the module area is only the size of a credit card. It is mainly aimed at the fast-developing artificial intelligence market in recent years, such as unmanned aerial vehicles and autonomous driving systems, which have relatively broad application prospects. RTSO-6005 is an industrial-grade carrier board for Nano/Xavier NX/TX2 NX. It has 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 HDMI 2.0 interface (Max 6Gbps , 24bpp, 4096x2160@60Hz)
USB	4 x USB Type A interface, supports USB2.0, USB3.0/USB3.1 signals, and provides 1.5A output current, 1 Micro USB port, supports USB host and USB device modes, and provides 0.5A output current
Network	2 x GbE (10/100/1000 BASE-T)
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
SD	1 x SD card slot
SIM	1 x SIM (Nano) card slot
SATA	1 x SATA interface
Other interfaces	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 Power_Button, 1 x RESET, 1 x RECOVERY)
RTC	1 x RTC interface
FAN	2 x Fan control interface
Power requirement	+12V
Size	127mm×49mm×30mm
Operating temperature	-40~+80°C
Weight	165g

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



Physical connection with Nano/Xavier NX/TX2 NX module



NVIDIA.

Jetson Elite Partner