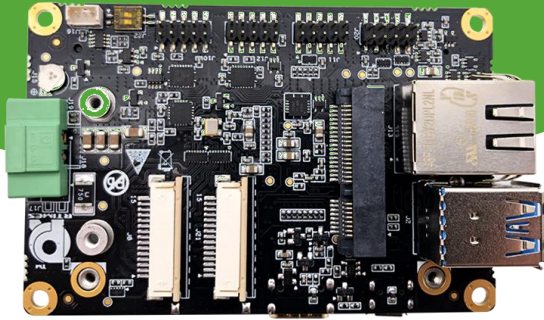




RTSO-6002/E Carrier Board  
 PN: RTSO-6002/E  
 Adaptive NVIDIA Jetson Xavier NX/TX2 NX  
 Version: V1.0

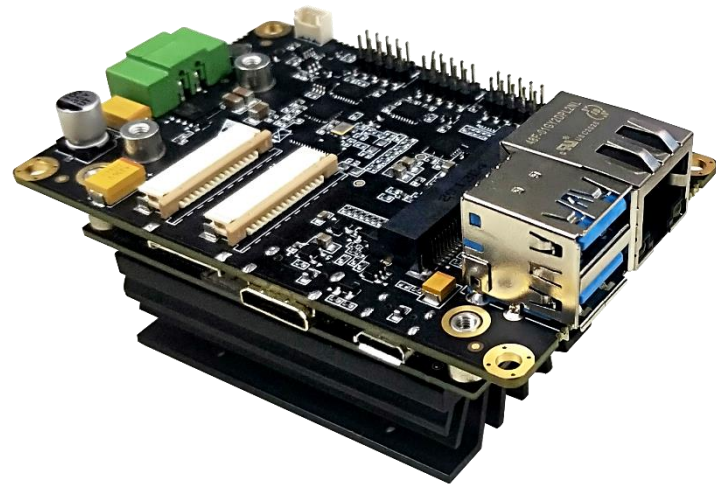


The NVIDIA Jetson Xavier NX/TX2 NX module is a processor suitable for machine deep learning launched by NVIDIA. It has powerful computing power and the module area is only the size of a credit card. It is mainly aimed at the fast-developing artificial intelligence market in recent years, such as unmanned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

### Product standard

Display	1 x Mini HDMI 2.0 interface(Max 6Gbps, 24bpp, 4096x2160@60Hz)
USB	1 x USB Type A interface, Support usb2.0, usb3.0 signal, provides 1A output current 1 x USB Type A interface, Supports USB2.0 signal only, provides 1A output current 1 x Micro USB interface, Support usb host and usb device mode, provides 1A output current
Network	1 x GbE (10/100/1000 BASE-T)
Serial port	2 x 3.3V UART, 1 x Debug UART
EMMC	1 x EMMC(128G)(6002E)
SD	1 x SD card slot
PCIe	1 x Mini-PCIe interface
Camera interface	2 x MIPI interface
I2C	2 x I2C
SPI	2 x SPI
GPIO	12 x GPIO (optional)
RTC	1 x RTC interface
FAN	1 x Fan control interface
Power requirement	+12V
Size	87mm x 57mm x 26.37mm
Operating temperature	-40~+80°C
Weight	56g

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



Physical connection with Xavier NX/TX2 NX module

