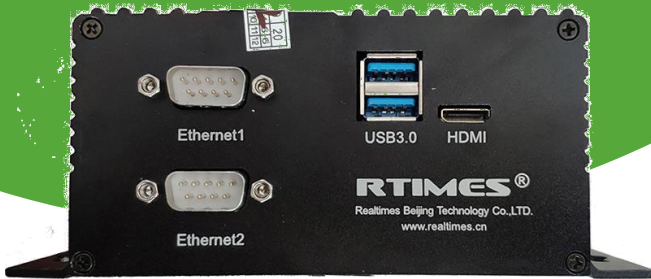




Feiyun Smart Box X501M

PN: X501M

Version: V1.0



Feiyun Smart Box X501M is a smart box system equipped with NVIDIA® Jetson™ TX2 core module and RTSO-9001 carrier board. Jetson TX2 is the fastest, most power-efficient embedded AI computing device. It's built around an NVIDIA Pascal™-family GPU. It features a variety of standard hardware interfaces that make it easy to integrate it into a wide range of products and form factors. For industrial deployment projects, the hardware carrier board is basically protected, which improves the overall reliability of the system.

Product standard

AI Core

TX2/TX2i/TX2-4GB

CPU	Dual-Core NVIDIA Denver 2 64-Bit CPU and Quad-Core ARM® Cortex®-A57 MPCore processor
GPU	256-core NVIDIA Pascal™ GPU

Interface

Display	1 x HDMI 2.0 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 USB 2.0 OTG
CAN	2 x CAN
Network	1 x GbE (10/100/1000 BASE-T)
Serial port	1 x RS232 Debug serial port , 1 x RS232 serial port (Optional RS422/RS485 mode)
GPIO	4 x 3.3V Bit Programmable GPIO
SD	1 x SD card slot
Audio	Audio input/output interface
RTC	1 x RTC interface
WIFI Bluetooth interface	2 x WiFi/Bluetooth integrated antenna interface
Power requirement	+7V~+19V
Size	132mm×147.5mm×60.4mm
Cooling method	Conductive heat dissipation
Operating temperature	-25~+60℃
Weight	646g



NVIDIA.

Jetson Elite Partner

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