



Feiyun Smart Box X502U

PN: X502U

Version: V1.0



X502U is a Feiyun smart box designed based on NVIDIA Jetson™ TX2. It integrates the NVIDIA Jetson™ TX2 module based on the new NVIDIA Pascal™ architecture. 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 into a wide range of products and form factors. For industrial deployment projects, basic protection of hardware boards has been carried out to improve the overall reliability of the system. The product has passed CE&CCC certification.

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 Micro HDMI interface(Max 6Gbps, 24bpp, 4096x2160@60Hz)
USB	2 x USB3.0 interface (Each port has a 5Gbps bandwidth and provides 1A output current)
CAN	2 x CAN
Network	2 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
I2C	1 x 3.3V I2C 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

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



NVIDIA.

Jetson Elite Partner