



X501N 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 it into a wide range of products and form factors. X501N adopts strong aluminum alloy shell, Conduction heat dissipation design, working temperature: -25~+60°C

### 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 Mini 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 )
CAN	2 x CAN 2.0
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 Programmable GPIO
PCIe	1 x Mini PCIe( Extensible: PAL/HD-SDI video capture, GPS/ Beidou module, AD/DA, etc )(built-in interface)
SD	1 x Micro SD cars slot
SIM	1 x Micro SIM cars slot(built-in interface)
SATA	1 x mSATA(built-in interface)
Audio	Audio input/output interface
RTC	1 x RTC interface(built-in interface)
WIFI Bluetooth interface	2 x WiFi IEEE 802.11ac/ Bluetooth 4.0 (24MBLS) integrated antenna interface
Power requirement	+7V~+19V
Size	132mm×147.5mm×60.4mm
Cooling method	Conductive heat dissipation
Operating temperature	-25~+60°C
Weight	645.5g



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