



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 Bit Programmable GPIO  |
| PCIe                     | 1 x miniPCIe( Extensible: PAL/HD-SDI video capture, GPS/ Beidou module, AD/DA, etc )    |
| SD                       | 1 x SD card slot  |
| SIM                      | 1 x SIM card slot   |
| SATA                     | 1 x mSATA   |
| Audio                    | Audio input/output interface  |
| RTC                      | 1 x RTC 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  |

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



**NVIDIA.**

Jetson Elite Partner