



Feiyun Smart Box X503U

PN: X503U

Version: V1.0



X503U 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. X503U adopts strong aluminum alloy shell, Conduction heat dissipation design, working temperature: -25—+55°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 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 3.3V UART, 1 x Debug UART
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
RTC	1 x RTC interface
FAN	1 x Fan control interface
Power requirement	+7V~+19V
Size	102mm×147.5mm×61mm
Cooling method	Conductive heat dissipation
Operating temperature	-25~+55°C
Weight	480g

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



Jetson Elite Partner



Realtimes Beijing Technology Co.,LTD

www.realtimesai.com

Email: info@realtimes.cn

Specifications are subject to change without prior notice.

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