



Feiyun Smart Box Z505U

PN: RTSS-Z505U

Version: V1.0



Z505U 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 and most energy-efficient embedded AI computing device. It is based on the NVIDIA Pascal™ series of GPUs. It has various standard hardware interfaces and can be easily integrated into various products and sizes. Z505U adopts solid aluminum alloy shell, Fan type heat dissipation (built-in fan) design, working temperature: -25—+65°C. This 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 HDMI interface (Max 6Gbps, 24bpp, 4096x2160@60Hz)
USB	2 x USB3.0 interface ; 1 x Micro USB2.0 (Have OTG function)
CAN	2 x CAN
Network	1 x GbE (10/100/1000 BASE-T)
Serial port	2 x 3.3V UART
GPIO	4 x 3.3V GPIO
SD	1 x Micro SD cards slot
I2C	1 x I2C
Power requirement	+7V~+19V
Size	117.96mm×68mm×60mm
Cooling method	Fan type heat dissipation (built-in fan)
Operating temperature	-25~+65°C
Weight	541g



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