



Feiyun Smart Box X506

PN: X506

Version: V1.0



X506 is a new Feiyun Smart Box™ based on NVIDIA Jetson™ NANO series modules. Built-in a 128-core Maxwell™ architecture GPU. It is pre-installed with the Ubuntu 18.04 operating system and has 0.5TFLOPS of AI processing capabilities for floating-point operations. It adopts super strong and lightweight aluminum alloy material design, fan-type heat dissipation, excellent heat dissipation capacity, small and light overall size, excellent ergonomic structure, reserved side wing structure for easy on-site installation, and stable operation capability of super long, Possesses the ability to operate 7x24 hours long MTBF stably on site, Can be applied to autonomous machines such as robots, unmanned delivery vehicles, smart gates, smart vending cabinets, etc. It is an ideal carrier for deploying AI computing power at the edge for deep learning.

Product standard

AI Core

Nano

CPU	Quad-Core ARM® Cortex®-A57 MPCore processor
GPU	128-core NVIDIA Maxwell™ GPU
Interface	
Display	1 x Mini HDMI 2.0 interface
USB	1 x USB3.0 interface , 1 x USB2.0, 1 x USB2.0 OTG
Network	1 x GbE (10/100/1000 BASE-T)
Serial port	2 x UART
PCIe	1 x Mini-PCIe interface
SD	1 x Micro SD cards slot
SIM	1 x Micro SIM cards slot
I2C	2 x I2C
camera interface	1 x MIPI interface
SPI	2 x SPI
Power requirement	+5V
Size	115mm×70mm×61mm
Cooling method	Fan type heat dissipation (built-in fan)
Operating temperature	-25~+65℃
Weight	365g



NVIDIA.

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