



Feiyun Smart Box X509

PN: X509

Version: V1.0



X509 is a new Feiyun Smart Box™ based on NVIDIA Jetson™ Xavier_NX series modules. It has a built-in integrated 384-core Volta™ architecture GPU. It is pre-installed with Ubuntu 18.04 operating system and has 21TFLOPS 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	
Xavier_NX	
CPU	6-core NVIDIA Carmel ARM®v8.2 64-bit CPU 6MB L2 + 4MB L3
GPU	384-core NVIDIA Volta™ GPU with 48 Tensor Cores
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 cars solt
SIM	1 x Micro SIM cars solt
I2C	2 x I2C
Camera interface	1 x MIPI interface
SPI	2 x SPI
Power requirement	+5V
Size	115mm×70mm×61mm
Operating temperature	-25~+65℃
Weight	365g

