



Feiyun Smart Box X509-TX2 NX

PN: X509-TX2 NX

Version: V2.0



X509-TX2 NX is a new Feiyun Smart Box™ based on NVIDIA Jetson™ TX2 NX series module design, built-in 256-core NVIDIA Pascal™ architecture GPU integrated TX2 NX module, pre-installed Ubuntu 18.04 operating system, with 1.33TOPS floating point operation AI processing capabilities. It adopts super strong and light metal material design, fan-type heat dissipation, excellent heat dissipation capacity, small and light overall size, reserved side wing structure for easy on-site installation, and has the ability to operate 7x24 hours of super long MTBF on-site. It can be applied to robots. Autonomous machines such as human delivery vehicles, smart gates, and smart vending cabinets are ideal carriers for deploying AI computing power at the edge for deep learning.

### Product standard

| AI Core               |  |
|-----------------------|--|
| TX2 NX                |  |
| CPU                   | Dual-core NVIDIA Denver 2 64-bit CPU and quad-core ARM A57 Complex |
| GPU                   | NVIDIA Pascal™ Architecture GPU with 256 CUDA 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)                                       |
| Camera interface      | 2 x MIPI interface   |
| PCIe                  | 1 x Mini-PCIe interface  |
| SD                    | 1 x Micro SD cards slot(Not available)                             |
| UART/I2C              | 1 x UART/I2C interface   |
| Button                | 1 x Button interface   |
| Power requirement     | +12V   |
| Size                  | 115mm×70mm×61mm  |
| Operating temperature | -20℃~+65℃  |
| Weight                | 365g   |



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