



Feiyun Smart Box Z603

PN: Z603

版本: V1.1



Z603 is a new Feiyun Smart Box™ based on the NVIDIA Jetson™ Xavier NX series module design. It has a built-in Xavier_NX module integrated with a 384-core Volta™ architecture GPU, pre-installed with the 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, conductive heat dissipation, excellent heat dissipation capacity, small and light overall size, excellent engineering structure, reserved side wing structure for easy on-site installation, and has the ability to operate 7x24 hours on-site super long MTBF. It can be applied to autonomous machines such as robots, unmanned delivery vehicles, smart gates, and smart vending cabinets. It is an ideal carrier for deploying AI computing power at the edge for deep learning.

Product standard

AI Core

Xavier NX (default)	CPU: NVIDIA Carmel ARMv8.2 (6-core) @ 1.4GHz(6MB L2 + 4MB L3) GPU:384-core Volta @ 1100MHz + 48 Tensor Cores Memory : 8GB 128-bit LPDDR4x @ 1600MHz 51.2GB/s Computing power : 21 TeraOPS
Nano (Optional)	CPU: Quad-core ARM Cortex- A57 MPCore processor GPU: 128-core NVIDIA Maxwell™ GPU
TX2 NX (Optional)	CPU: Dual-core Denver 264-bit CPU and quad-core Arm® Cortex®-A57 MPCore processor GPU: 256-core NVIDIA Pascal™ GPU

Interface

Display	1 x HDMI 2.0 interface , 1 x Mini HDMI 2.0 interface
USB	1 x USB3.0 interface 1 x Micro USB2.0 OTG interface
Network	5 x GbE (10/100/1000 BASE-T)
M.2 interface	1 x M.2 KEY M 2280 interface , 1 x M.2 KEY E 2230 interface
SD interface	1 x SD interface
PSE interface	1 x PSE interface
Other interfaces	1 x Isolated communication port (485, CAN, 4 x I/O)
Power requirement	+12V
Size	170mm×93.54mm×37.5mm
Operating temperature	-20~+60℃
Weight	626g



NVIDIA.

Jetson Elite Partner