

● AI Box

AI Box is a super AI computer based on NVIDIA Pascal™ with various interface types and a compact exterior design. Its enhanced performance is suitable for larger-scale and deeper neural network, which lays the basis for more intelligent, more precise processing and faster response.

Key Features

- Deep Learning: TensorRT, cuDN, NVIDIA DIGITS Workflow
- Computer Vision: NVIDIA VisionWorks, OpenCV
- GPU Compute: NVIDIA CUDA, CUDA Libraries
- Multimedia: ISP Support, Camera imaging, Video CODEC
- Other: ROS compatibility, OpenGL, and much more



AI Box Specification

Category		Specification
Core Module	Module Compatibility	NVIDIA® Jetson™ TX2
Hardware Ports	Display	1x HDMI
	Ethernet	2x Gigabit Ethernet (10/100/1000)
	USB	5x USB 3.0 Type A (Integrated USB 2.0) 1x USB 2.0 Type A/1x USB 2.0 OTG Micro-AB 1x USB 2.0 to Mini-PCIe Slot
	SATA	1x mSATA Full Size
	Serial	2x RS-232
	Mini-PCIe/mSATA	1x Mini-PCIe (PCIe & USB 2.0) Full Size
	SD Card	1x microSD Card Slot
	CAN BUS	2 x CAN BUS Link
	Misc.	2x I2C Link (+3.3V I/O) 1x System Control 4x GPIO
Others	PCB Size / Overall Size	100mm x 87mm (3.937" x 3.425")
	Power Requirements	7V-19.0V DC Range , +12V DC Input @ 8A
	Operating temperature	-20 - 70°C
	Storage temperature	-40 - 85°C
	Weight	100g

