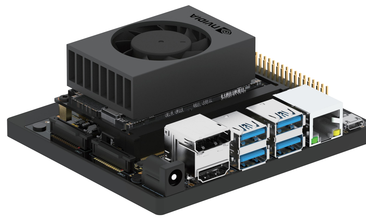
图为科技
TWOWIN TECHNOLOGY

Jetson Xavier NX Series
T50103 Developer Kit

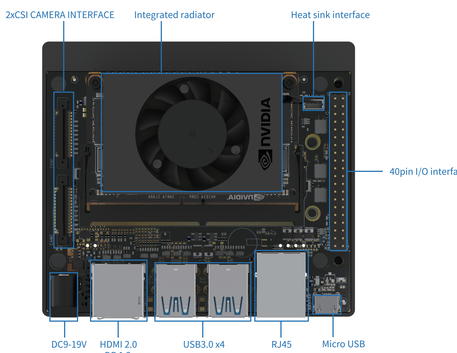
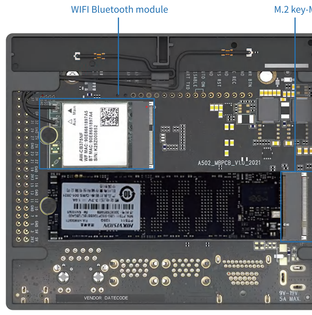
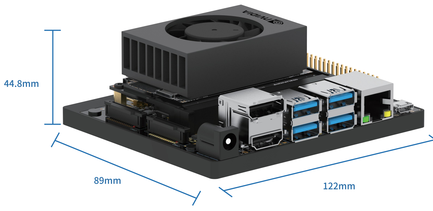
T50104 is a high-performance AI developer kit. The product is developed and designed based on NVIDIA Xavier NX, has 21TOPS AI computing power, and is pre-installed with Ubuntu 18.04 operating system. It can realize image, video and other data analysis and reasoning calculations, and can be widely used in education, robots, drones and other scenarios.



Technical Parameters

System	AI Platform	Jetson Xavier NX
	AI Computing Power	21 TOPS
	GPU	384-core NVIDIA Volta™ architecture GPU with 48 Tensor Cores
	CPU	6-core NVIDIA Carmel Arm ® V8.2 64 bit CPU 6MB L2+4MB L3
	Video Coding	2x4K60|4x4K30|10x1080p60|22x1080p30(H.265)
	Video Decoding	2x8K30|6x4K60|12x4K30|22x1080p60|44x1080p30(H.265)
	Memory	16GB 128 bit LPDDR4 59.7GB/S
	Storage/Expansion	16GB eMMC 5.1

Hardware Interface

Ethernet	Interface	1x RJ45 Gigabit Ethernet port
Wireless Network	WiFi	2.4GHz/5GHz dual band WiFi(optional)
	4G/5G	/
	GNSS	/
Multimedia	Other	1x TF Card
	Display	1x HDMI, 1x DP
	Audio	/
I/O	USB	4x USB3.0 Type-A, 1x USB Micro OTG
	Serial Port	1x UART(TTL)
	CAN	/
	GPIO	40Pin(UART,SPI,12S,12C,PWM,GPIO), 12Pin control signal interface
Port	M.2 KEY E	WiFi
	M.2 KEY M	1x2280 PCIE SSD(optional)
	RTC	/
Other	Synchronous System	/
	GMSL Camera Interface	2x 15Pin 4-Lane CSI Connector
	Power Input	9-19V
Electric Source	Power Interface	DC Connector
	Buttons/Indicator Lights	An indicator light
Physical Parameters	Specifications/ Dimensions	122mm×89mm×44.8mm
Work Environment	Operating Temperature	0°C~40°C
	Operating Humidity	5%-95% non-condensing
	Cooling Method	Fan cooling

Interface Display