



## ● ● PRODUCT SPECIFICATIONS ● ●

Jetson TX2 NX developer kit		
Processor	NVIDIA Jetson TX2 NX	
AI Performance	1.33TFLOPS	
CPU	Dual-core NVIDIA Denver 1.5 64-bit CPU and quad-core Arm® Cortex®-A57 MPCore processor complex	
GPU	NVIDIA Pascal™ architecture with 256 NVIDIA® CUDA® cores	
Memory	4 GB 128-bit LPDDR4x @ 51.2GB/s	
Storage	16 GB eMMC 5.1	
Display/Interfac	HDMI Type A x 1	
Video Encode	1*4K @ 60 (HEVC) 4*1080p @ 60 (HEVC)	3*4K @ 30 (HEVC) 8x 1080p @ 30 (HEVC)
Video Decode	2x 4K @ 60 (HEVC) 4*4K @ 30 (HEVC)	7*1080p @ 60 (HEVC) 20*1080p @ 30 (HEVC)
I/O Configuration	Gigabit Ethernet *2    CAN *1    RS232/422/485 *1    GPIO*4 MIP(CSI) *2    USB3.0 *2    HDMI *1    30-pin I/O x 1 (GPIO/I2S/I2C/Audio/SPI/UART)	
	Pick One Of Two : ①Mini-PCIe*1    ②M.2 E-Key 2230 x 1 for WiFi	
User Expansion	M.2 M key 2280 NVME ( PCIE ) M.2 B-KEY for LTE/5G	
	Nano SIM Socket *1    TF Slot *1	
Function Key	Recovery Button *1    Power Button*1	
Power Requirement	12-24Vdc w/2-pin terminal	
Size	189*96.7*57.5mm	
Environmental	<b>Operating Temperature</b> -20°C ~ 60°C CPU/GPU Full Loaded Operation -20°C ~ 75°C    Frequency Reduction Operation <b>Storage Temperature</b> -40°C ~ 75°C <b>Humidity</b> 5~95% @ 40°C, non-condensing	