

SKY2 2NOR01

Compact Fanless AI Box:
NVIDIA® Jetson Orin™ Nano / NX SoM + 2NOR01



- CPU Board:
 - NVIDIA Jetson Nano: 4 / 8GB LPDDR5, 20 / 40 TOPs
 - NVIDIA Jetson NX: 8 / 16GB LPDDR5, 70 / 100 TOPs
- AI Accelerator: NVIDIA® Jetson Orin™ Nano / Orin™ NX
- 2 x HDMI
- 4 x USB 3.1
- Mic-in / Line-out ; AMP 2W
- 2 x RS232 (Option RS422)
- 1 x CANBus
- 2 x M.2 B key
- 4DI / 4DO
- Internal wafer: SPI, I²S, I²C, USB 2.0
- 2 x 2.5GbE, 1 x GbE
- 1 x Type C USB 3.1 / 2.0 (OTG)
- 1 x M.2 M key
- 1 x SIM

Specifications :

Motherboard	NVIDIA Jetson Orin SOM + 2NOR01	
M.2	1 x M.2 M key Type 2242 (PCIe x 4), NVMe 1 x M.2 B key Type 3042 (PCIe x 1/ USB 2.0) ; WiFi / Bluetooth or PCIe 1 x M.2 B key Type 3042 (USB 3.1 / 2.0) ; 4G / 5G, GPS or USB Device	
I/O ports	Network	2 x Intel 2.5GbE I226IT ; 1 x GbE
	USB	4 x USB 3.1 (external) ; 1 x USB 3.1 / 2.0 (Type C, OTG)
	Serial ports	2 x RS232 (Option RS422)
	CANBus	1 x CANBus
	Display	2 x HDMI
	SIM Card	1 x SIM
	DIO	4DI / 4DO
	Audio	Mic-in / Line-out ; 2W Amplifier
Internal I/O wafer	SPI, I ² S, I ² C, USB 2.0	
Optional Modules & Accessory	M.2 Module: 4G, 5G, PCIe, WiFi, GPS, Bluetooth, NVMe DIN Rail Mounting Kit, VESA Mounting Kit, Wall Mounting Kit	

Mechanical

Dimensions	141W x 111.2D x 71.9H mm
Weight	1.25 kg
Mounting	DIN Rail Mount*, VESA Mount*, Wall Mount*

Power

DC input	Wide Range +9~36V
UPS Option	Super Cap (2S1P / 4S1P) Li-battery (2S1P / 2S3P) Pack
Ignition Option	ignition by module

Environment

Operating Temp. (100 % CPU usage)	-20°C to +60°C
Storage Temp.	-20°C to +70°C
Relative Humidity	95% @ 40°C, non-condensing

Dimension

