

MS-C913

Compact-Size Box PC with NVIDIA® Jetson Orin™ Nano/NX AI Computing Platform with Ultra Low-Power Fanless Solution

NEW



Features

- NVIDIA® Jetson Orin™ Nano 4GB/8GB or NX 8GB/16GB SoM
- Nano 4GB: 64-bit LPDDR5 2133MHz/
Nano 8GB: 128-bit LPDDR5 2133MHz
NX 8GB/16GB: 128-bit LPDDR5 3200MHz
- Single independent display: HDMI
- 2 GbE LAN with RJ-45
- 1 M.2 E-Key ,1 M.2 B-Key ,1 M.2 M-Key Slot
- 4 USB 3.2 Gen2, 1 x Micro USB 2.0 Gen2.0, 1 COM, 1 GPIO, 1 CAN
- 4 opening reserved for antennas
- Wide Voltage DC-IN 19V
- Ultra-Compact with fanless design

Ordering Information

Part Number	Description
Coming soon	

Packing List

Part Number	Description	Quantity
Coming soon		

Optional Item

Part Number	Description
Coming soon	

Specifications

System Processor	CPU	Jetson Orin Nano 4GB/8GB	Jetson Orin NX 8GB/16GB
		6-core Arm® Cortex® - A78AE, 7W	Jetson Orin NX 8GB:6-core Arm® Cortex®-A78AE,10W Jetson Orin NX 16GB:8-core Arm® Cortex®-A78AE,10W
	Frequency	1.5 GHz (Max)	2 GHz (Max)
	L2 Cache	1.5MB	2MB
	CPU Type	Jetson Orin Nano/NX Module	
	Chipset	Integrated in SoC Process	
	BIOS	N/A	
Memory	Technology	Integrated in SoC Process, LPDDR5 DRAM 2133 MHz	Integrated in SoC Process, LPDDR5 DRAM 3200 MHz
	Max. Capacity	4GB/8GB	8GB/16GB
	Socket	N/A	
Graphic	Controller	NVIDIA® Ampere GPU	NVIDIA® Ampere GPU
	Graphic Memory	Depends on GPU	
	Multiple Display	N/A	
	Display Interface	HDMI up to 3840 x 2160 @30Hz	HDMI up to 7680 x 4320 @30Hz
Ethernet	Controller	1 x Broadcom BCM5720 1GbE LAN	
Audio	Controller	N/A	
	Watchdog Timer	N/A	
H/W Monitor	Smart Fan	N/A	
TPM	Controller	Infineon SLB9670VQ 2.0	
Expansion Slot	M.2	1 x M.2 E-key (PCIe/UART), 2230 1 x M.2 B-key (USB 3.0), 3242 1 x M.2 M-key (PCIe), 2280	
	Mini-PCIe	N/A	
Storage	SATA	N/A	
	mSATA	N/A	
	RJ-45	2	
	PoE	N/A	
	Audio	N/A	
I/O Interface	USB	4 x USB 3.2 Gen 2 1 x Micro USB 2.0 Gen 2	
	Serial	1 x DB-9 for COM port COM1: RS-232/422/485	
	GPIO	1 x DB-9 for GPIO	
	CANbus	N/A	
	HDMI	1	
	Antenna	4 x SMA connectors (Optional)	
	DC Input	DC-in 19V	
Power Supply	AC Input	N/A	
	IP Rating	N/A	
Environment	Operating Temperature	0°C ~ 50 °C with 0.7 m/s air flow	
	Operating Humidity	10 ~ 90%, non-condensing	
	Storage Temperature	-20 ~ 80°C	
	Storage Humidity	10 ~ 90%, non-condensing	
	Vibration	2.09Grms @ 5 ~ 500 Hz, random, 30 min/axis	
	Shock	50 G, half sine, 4 ms duration	
	Dimensions (W x D x H)	160 x 140 x 60 mm	
Physical Characteristics	Weight	1.38 kg	
	Mounting	N/A	
Certification	EMC	N/A	
	Safety	N/A	
Software Platform	OS Support	NVIDIA® Jetson Linux 35.5	