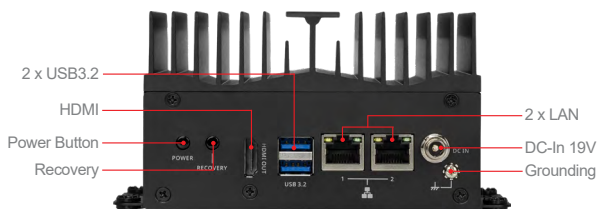




NEW



Features

- NVIDIA® Jetson Orin™ Nano 8GB
- Nano 8GB: 128-bit LPDDR5 3200MHz
- Single independent display: HDMI
- 2 GbE LAN with RJ-45
- 20-pin: 2x I2C, 2 UART, 4 GPIO, 1 CAN (EU terminal block)
- 256G SSD (OS Bundled)
- RTC battery & battery life monitoring by MCU
- Wide Voltage DC-IN 12~24V
- Ultra-Compact with fanless design
- 802.3AF PSE board (optional)
- OOB board (optional)
- 5G daughter board (optional)

Specifications

System Processor	CPU	NVIDIA® Jetson Orin NANO 8GB: 6-Core Arm® Cortex®-A78AE
	Frequency	1.5 GHz (Max)
	L2 Cache	1MB
	CPU Type	Jetson Orin Nano Module
	Chipset	Integrated in SoC Process
	BIOS	AMI UEFI
Memory	Technology	Integrated in SoC Process, LPDDR5 DRAM 3200 MHz
	Max. Capacity	8GB
	Socket	N/A
Graphic	Controller	NVIDIA® Ampere GPU
	Graphic Memory	Depends on GPU
	Multiple Display	N/A
	Display Interface	HDMI up to 3840 × 2160 @30Hz
Ethernet	Controller	2 x GbE RJ-45
Audio	Controller	N/A
H/W Monitor	Watchdog Timer	N/A
	Smart Fan	N/A
TPM	Controller	Harward TPM 2.0
Expansion Slot	M.2	1 x M.2 E key (PCIe/UART), 2230
		1 x M.2 M key (PCIe Gen4 x4 NVMe), 2280
Storage	SATA	N/A
	RJ-45	2
I/O Interface	Audio	N/A
	USB	1 x USB 2.0, Type-C for recovery 2 x USB 3.2 Gen2, Type-A
	Serial	N/A
	GPIO	8-bits (4 x GPI; 4 x GPO), 5~35V, isolation 1.3KV
	HDMI	1
	DisplayPort	N/A
	Antenna	2 x SMA connectors (Optional)
	DC Input	DC-in 12~24V with DC-Jack or ATX 4-pin connector
	AC Input	N/A
Power Supply	Operating Temperature	-25 ~ 60°C Note: Thermal w/ Airflow:0.7m/s
	Operating Humidity	10 ~ 90%, non-condensing
	Storage Temperature	-40 ~ 85°C
	Storage Humidity	40 °C @ 95%, non-condensing
	Vibration	N/A
	Shock	N/A
Physical Characteristics	Dimensions (WxDxH)	126 x 96 x 74 mm
	Weight	1 kg
	Mounting	DIN-rail mount
Certification	EMC	CE, FCC, VCCI
	Safety	N/A
Software Platform	OS Support	NVIDIA® Jetson Linux 35.5

Ordering Information

Part Number	Description
9S6-C9ZA-001	MS-C9ZA Jetson Orin NANO 8G, Accessory, W/ ADP, W/ Power Core, W/Terminal Block, w/o LOGO, SINGLE 6 PACK for Channel

Packing List

Part Number	Description	Quantity
041312GOYANW	Adaptor 19V/90W	1
064APOW-BR2-IPD	Power Cord, USA, 1800mm	1
61D115SOX1DL	Phoenix Terminal Plug for General-purpose input/output, 1*10pin	2