

MIC-710IVX

8ch AI Video System on NVIDIA® Jetson™ Xavier NX



Features

- NVIDIA® Jetson™ Xavier NX embedded
- Supports 8CH PoE video input
- Supports 2 x 3.5" HDD
- Board support package (BSP) includes Linux Ubuntu 18.04
- Low power consumption
- Supports H.264/H.265 cameras

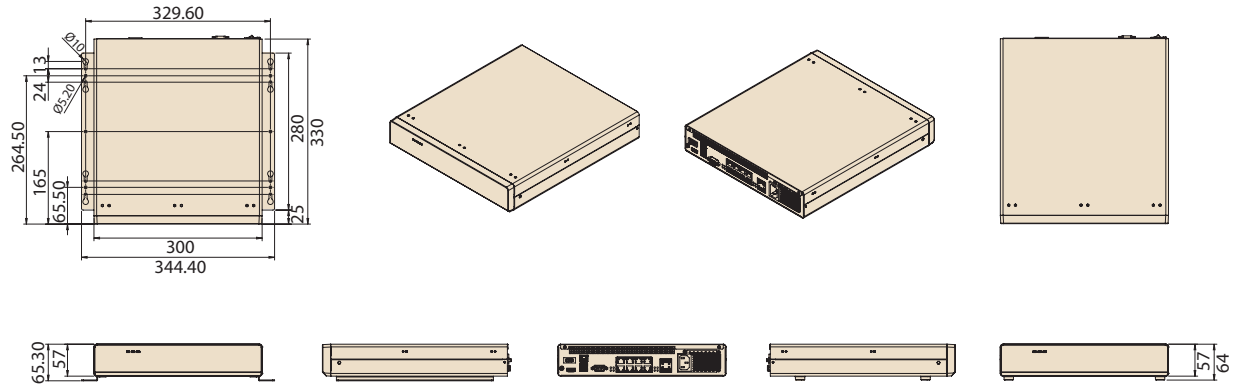


Specifications

Processor System	CPU	ARMv8.2 (64-bit) heterogeneous multi-processing (HMP) CPU architecture 3x dual-core CPU clusters (six NVIDIA Carmel processor cores) (Max. operating frequency: 1.9GHz)
	GPU	Volta GPU, 384 CUDA core, 48 Tensor cores, Performance up to 21 TOPS (INT8) (Max. frequency: 1100MHz)
	Memory	8GB LPDDR4
	Flash	16G of eMMC
Camera Interface PoE	Controller	MICROSEMI PD69104B1ILQ
	LAN Switch	Realtek RTL8316SI
	Bandwidth	10/100 Mbps
	Compliant	IEEE 802.3af
	Power Output	15.4W
Ethernet	Interface	1 x RJ45
	Controller	Intel® i211AT
	Speed	10/100/1000 Mbps
I/O	Display	HDMI (Max. resolution 3840 x 2160 @ 60Hz)
	USB	1 x USB 3.0 1 x USB 2.0
	DI/DO	4in/4out
	Power Switch	Power ON/OFF Switch x 1
	OTG USB	1 x USB 2.0 (internal)
	COM	RS-485 x 1
Storage	Storage	2 x 3.5" HDD (internal)
Power	Power Supply Voltage	AC100-240V 250W ATX
Environment	Operational Temperature	0 – 40 °C with 0.7 m/s air flow
	Operating Humidity	95% @ 40 °C (non-condensing)
	Vibration	0.5 Grms @ 5 – 500 Hz, random, 1 hr/axis
Mechanical	Dimensions (W x D x H)	300 x 330 x 57mm (11.8 x 13 x 2.2 ")
	Weight	3 kg
	Installation	Desktop
Operating System	Linux	Ubuntu 18.04
Certifications		CE/FCC/BSMI

Dimensions

Unit: mm



Ordering Information

Part Number	CPU	Memory	eMMC	HDMI	POE	USB 3.0 / USB 2.0	DI/DO	LAN
MIC-710IVX-00A1	NVIDIA Jetson Xavier NX	8GB	16G	1	8	1/1	4in/4out	1

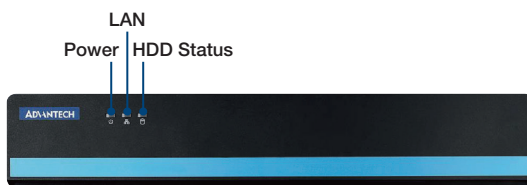
Packing List

Part Number	Description
MIC-710IVX	710IVX AI video system utilizing NVIDIA Jetson® Xavier NX
1960091140N000	3.5" HDD bay bracket (2pcs)
1700017161-21	HDD SATA Cable (2pcs)
1700023588-01	USB cable for image software updates
1960005359T002	Mounting bracket (2pcs)
1990005896S000	Rubber footpads (4pcs)

Optional

Part Number	Description
989K008734	Module for securely adapting two 2.5" HDDs to one 3.5" HDD bay

Front View



Rear View

