

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

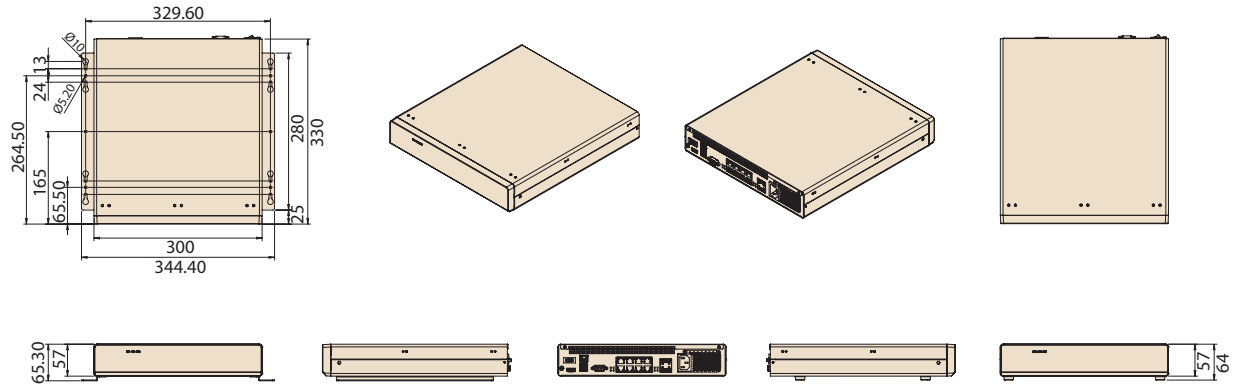


Specifications

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/CCC

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

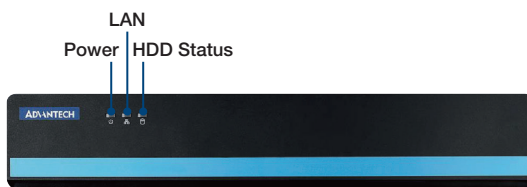
Packing List

Part Number	Description	Quantity
MIC-710IVX	AI video system based on NVIDIA Jetson® Xavier NX	1
1960091140N000	3.5" HDD bay bracket	2
1700017161-21	HDD SATA Cable	2
1700023588-01	USB cable for image software updates	1
1960005359T002	Mounting bracket	2
1990005896S000	Rubber footpads	4

Optional

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

Front View



Rear View

