

# MIC-710IVA

## 8-ch AI Network Video Recorder Based on NVIDIA® Jetson NANO™



### Features

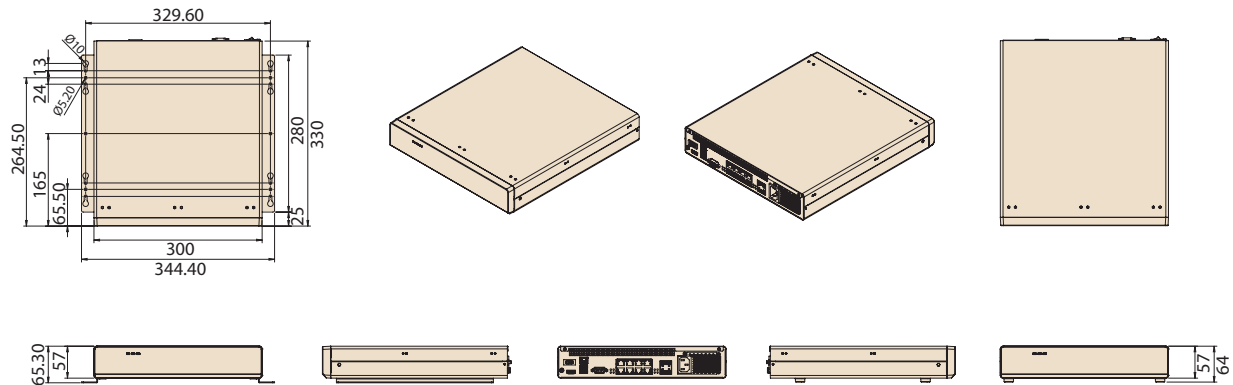
- NVR fan base design
- Embedded with NVIDIA® Jetson NANO™ up to 512 GOPS
- Supports 8 x PoE (IEEE 802.3af), 1 x GbE, 8-ch DIO
- Supports 2 x SATAIII
- Linux OS with board support package (BSP)
- Supports Allxon 24/7 remote monitoring and OTA deployment

### Specifications

		NVIDIA® Jetson NANO
Processor System	CPU	Quad Core ARM Cortex A57
	GPU	128 CUDA cores, Performance up to 512 GOPS (FP16)
	Memory	4GB LPDDR4
	Flash	16GB eMMC
I/O	Ethernet	1 x 10/100/1000 Mbps
	PoE	8 x PoE (IEEE 802.3af)
	Display	HDMI (Max. resolution 3840x2160 @ 60Hz)
	USB	External: 1 x USB 3.0, 1 x USB 2.0 (Type-A)
	Digital I/O	4-ch DI, 4-ch DO
	Power Switch	1 x Power ON/OFF Switch
	Serial Port	1 x RS485
	OTG USB	1 x Micro USB
Storage	Storage	2 x 3.5" or 2 x 2.5" SATAIII (6Gb/s) drives
FAN	Dimension	40 x 40 x 20 mm
	RPM	9000 RPM
Power	Mode	C13, 250W ATX Power supply, AT/ATX (Default AT)
	Input Voltage	100 ~ 240 V <sub>AC</sub> , 3.5A
Environment	Operating Temperature	0 ~ 50 °C with 0.7 m/s airflow
	Operating Humidity	95% @ 40 °C (non-condensing)
	Vibration	0.5 Grms @ 5 ~ 500 Hz, random, 1 hr/axis
	Shock	10G/11ms
Mechanical	Dimensions (W x D x H)	300 x 330 x 57 mm (11.8" x 13" x 2.24")
	Weight	3 kg (6.6 lb)
	Installation	Desktop
BSP	Jetpack	Above 4.2.2
Certifications		CE/FCC/BSMI (No RED certification)

## Dimensions

Unit: mm



## Ordering Information

Part Number	CPU	Memory	eMMC
MIC-710IVA-00A1	NVIDIA Jetson NANO	4GB	16GB

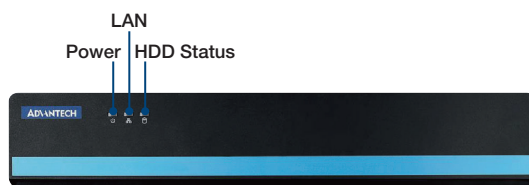
## Packing List

Part Number	Description	Quantity
MIC-710IVA-00A1	AI video system based on NVIDIA Jetson® NANO	1
1960091140N000	3.5" HDD Bay bracket	2
1700017161-21	HDD SATA Cable	2
1700023588-01	USB Cable for OS update	1
1960005359T002	Mounting bracket	2
1990005896S000	Rubber foot pads	4

## Optional Accessory

Part Number	Description
1700027928-01	UL Power core (125V, 15A)
1700027909-02	BSMI Power Core (125V, 15A)
1702002605	EU Power Core (250V, 10A)
989K008734	Module to securely fix two 2.5" HDDs in one 3.5" HDD Bay

## Front View



## Rear View

