MIC-730IVA

8ch AI Network Video Recorder on NVIDIA Jetson® Xavier



Features

- NVIDIA Jetson™ Xavier embedded
- Support 8ch PoE Video Input
- Support 2 x 3.5" HDD
- Bundle with Linux Ubuntu 18.04 with BSP
- Low power consumption
- H.264 / H.265 camera supported
- Jetpack 4.2.1 compatible

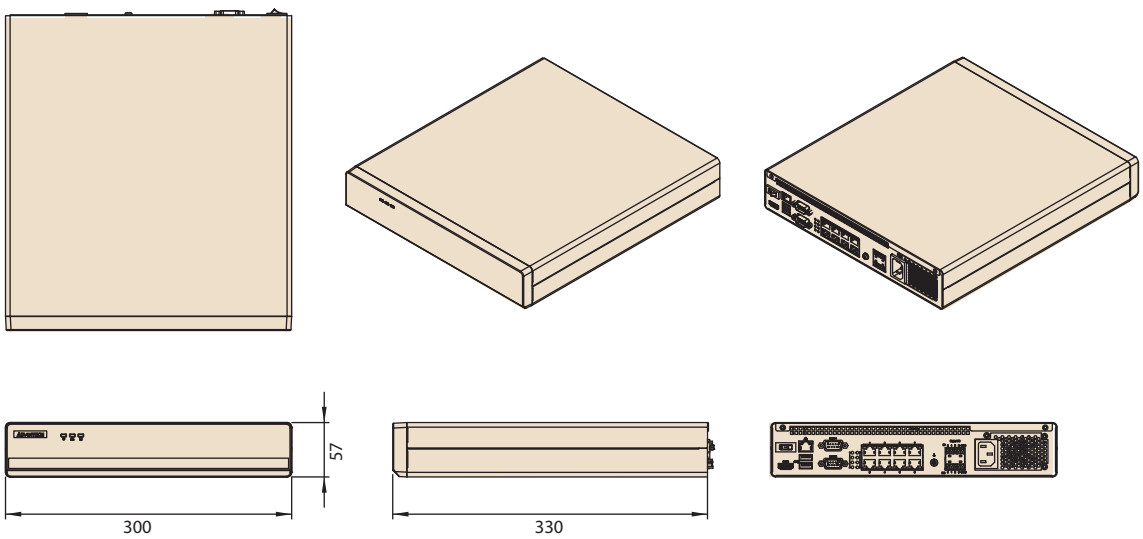
Specifications

		Jetson AGX Xavier 8GB	Jetson AGX Xavier 16GB
Processor System	GPU	NVIDIA Volta™ architecture with 384 NVIDIA CUDA cores and 48 Tensor cores 5.5 TFLOPS (FP16) 11.1 TOPS (INT8)	NVIDIA Volta™ architecture with 512 NVIDIA CUDA cores and 64 Tensor cores 11 TFLOPS (FP16) 22 TOPS (INT8)
	CPU	6-core ARM v8.2 64-bit CPU, 8MB L2 + 4MB L3	8-core ARM v8.2 64-bit CPU, 8MB L2 + 4MB L3
	DLA	4.1 TFLOPS (FP16) 8.2 TOPS (INT8)	5 TFLOPS (FP16) 10 TOPS (INT8)
	Memory	8 GB 256-bit LPDDR4x 1333MHz - 85GB/s	16 GB 256-bit LPDDR4x 2133MHz - 137GB/s
	Storage	32GB eMMC 5.1	
Camera Interface PoE	Controller	Marvell 88E1512	
	LAN Switch	Realtek RTL8316SI	
	Bandwidth	10/100 Mbps	
	Compliant	IEEE 802.3af	
	Power Output	15.4W	
Ethernet	Interface	RJ45 x 1	
	Controller	Intel® 210IT	
	Speed	10/100/1000 Mbps	
I/O	Display	HDMI (Max. resolution 3840x2160 @ 60Hz)	
	USB	USB 3.0 x 2	
	DI/DO	8 bit (4In/4Out)	
	Power Switch	Power ON/OFF Switch x 1	
	OTG USB	USB2.0 x 1 (Internal)	
	COM	RS-232/RS-422/RS-485 x 2	
Storage	Storage	3.5" HDD x 2 (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 2.24")	
	Weight	3 kg	
	Installation	Desktop	
Operating System	Linux	Ubuntu 18.04	
Certifications		CE/FCC	

All product specifications are subject to change without notice.

Dimensions

Unit: mm



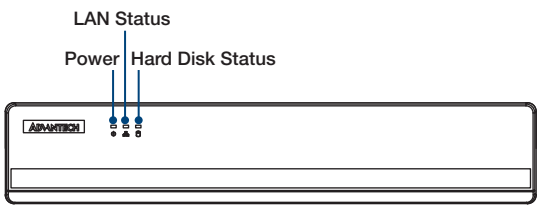
Ordering Information

Part Number	NVIDIA Jetson	CUDA/Tensor Cores	CPU	Memory	eMMC	PoE	HDMI	USB3.0	DI/DO	LAN
MIC-730IVA-00A1	Xavier	512/64	8-core ARM v8.2 64-bit CPU	LPDDR4 16G 1333MHz	32GB	8	1	2	4In/4Out	1
MIC-730IVA-10A1	Xavier	384/48	6-core ARM v8.2 64-bit CPU	LPDDR4 8G 1333MHz	32GB	8	1	2	4In/4Out	1

Packing List

Part Number	Description
MIC-730IVA	AI NVR based on NVIDIA Jetson® Xavier

Front View



Rear View

