

# MIC-710AI

## AI Inference System based on NVIDIA Jetson® NANO



### Features

- Fanless and compact design
- NVIDIA Jetson® NANO embedded
- 2 x LAN port embedded
- Linux OS with BSP (board support package)
- Supports deep learning trained models
- Wide-operating temperature range

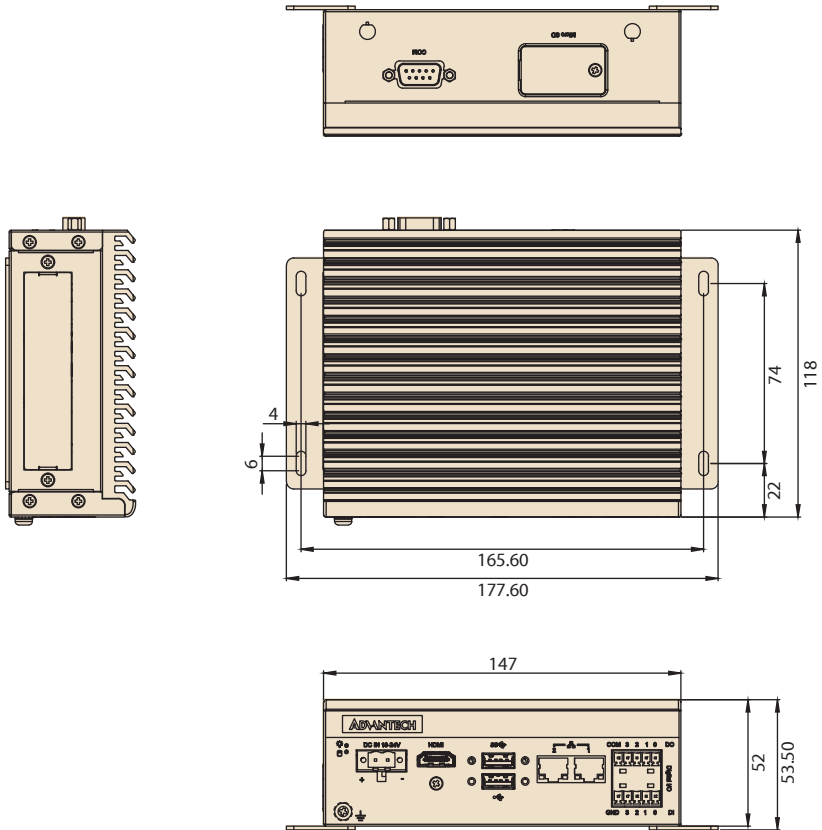


### Specifications

Processor System	CPU	Quad Core ARM Cortex A57 (Max. Operating Frequency: 1.43GHz)	
	GPU	Maxwell GPU, 128 CUDA core, Performance up to 512 GFLOPS (FP16) (Max. Frequency: 921MHz)	
	Memory	4GB LPDDR4	
	Flash	16G of eMMC	
Ethernet	Interface	RJ-45	
	Controller	Intel® i211	
	Speed	2 x Gigabit Ethernet (10/100/1000 Mbps)	
I/O	Display	HDMI (Max. resolution 3840x2160 @ 60Hz)	
	USB	External	USB2.0 x 1 USB3.0 x 1
		Internal	USB2.0 x 1
	OTG USB (Internal)	1 x Micro USB	
	DI/DO	4bit In, 4bit Out	
	COM	1 x RS-232/RS-422/RS-485	
Expansion	MiniPCIe (iDoor)	1 x MiniPCIe	
Storage	M.2	1 x M.2 2280 (M Key)	
	SD card	1 x Micro SD	
Power	Power Supply	Power Adaptor: 19-24V (3A-2A)	
	Power Type	Thermal Block 2 Pin	
Environment	Operational Temperature	-10 ~ 60 °C with 0.7 m/s air flow (Max-P ARM mode)	
	Operating Humidity	95% @ 40 °C (non-condensing)	
	Vibration	3 Grms @ 5 ~ 500 Hz, random, 1 hr/axis	
Mechanical	Dimensions (W x D x H)	147 x 118 x 52 (mm)	
	Weight	1.2 kg	
	Installation	Desktop/DIN RAIL	
Operating System	Linux	Ubuntu 18.04 with JetPack	
Certifications		CE/FCC/BSMI	

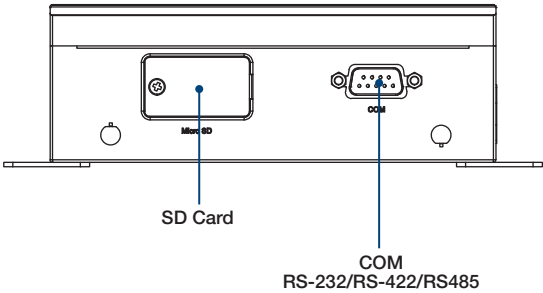
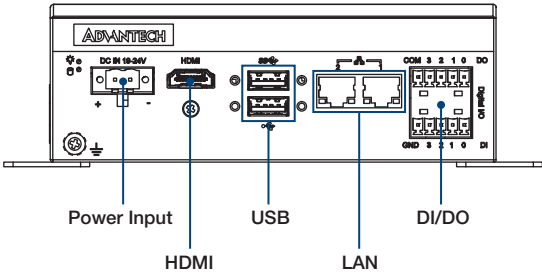
### Dimensions

Unit: mm

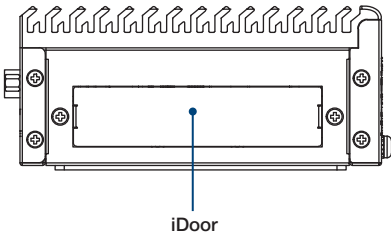


### Front View

### Back View



### Side View



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