

# NTAI-AH-001



## Features

- Elkhart Lake ATOM® X6413E / J6412 CPU CPU
- Hailo-8™ edge AI processor
- 1 x DDR4 SODIMM socket, Max. 32GB
- Multiple Independent display: 2 x HDMI (1 x OEM to DP)
- 3 x Intel 2.5 GbE LAN, 1 x USB 3.0, 2 x USB 2.0, 2 x COM
- 2 x M.2, 1 x Nano SIM

## Specifications

Spec Item	Description	
Motherboard	2I640HL	
CPU	Intel® Elkhart Lake ATOM x6413E Quad Core 3.0 GHz CPU	
Chipset	Intel Elkhart Lake SoC	
Storage	M.2	
Memory	1 x DDR4 SODIMM socket, Max. 32GB	
AI Accelerator	Hailo-8™ edge AI processor	
Expansion slots	Network	3 x Intel 2.5 GbE I226-IT
	USB	USB 1 x USB 3.0, 2 x USB 2.0
	Serial ports	2 x RS232 / 422 / 485 Display
	Display	2 x HDMI (1 x OEM to DP)
I/O ports	TPM v2.0 (optional)	
Optional Modules & Accessory	*DIN-Rail Mounting Kit	
OS Support	Windows® 10 IOT, Windows® 11 IOT Ubuntu 22.04 above, Ubuntu 22.04 host OS Hailo SW via Ubuntu container	

## Mechanical

Spec Item	Description
Dimensions	135W x 110D x 40H mm
Weight	0.75 kg
Mounting	DIN-Rail Mount*

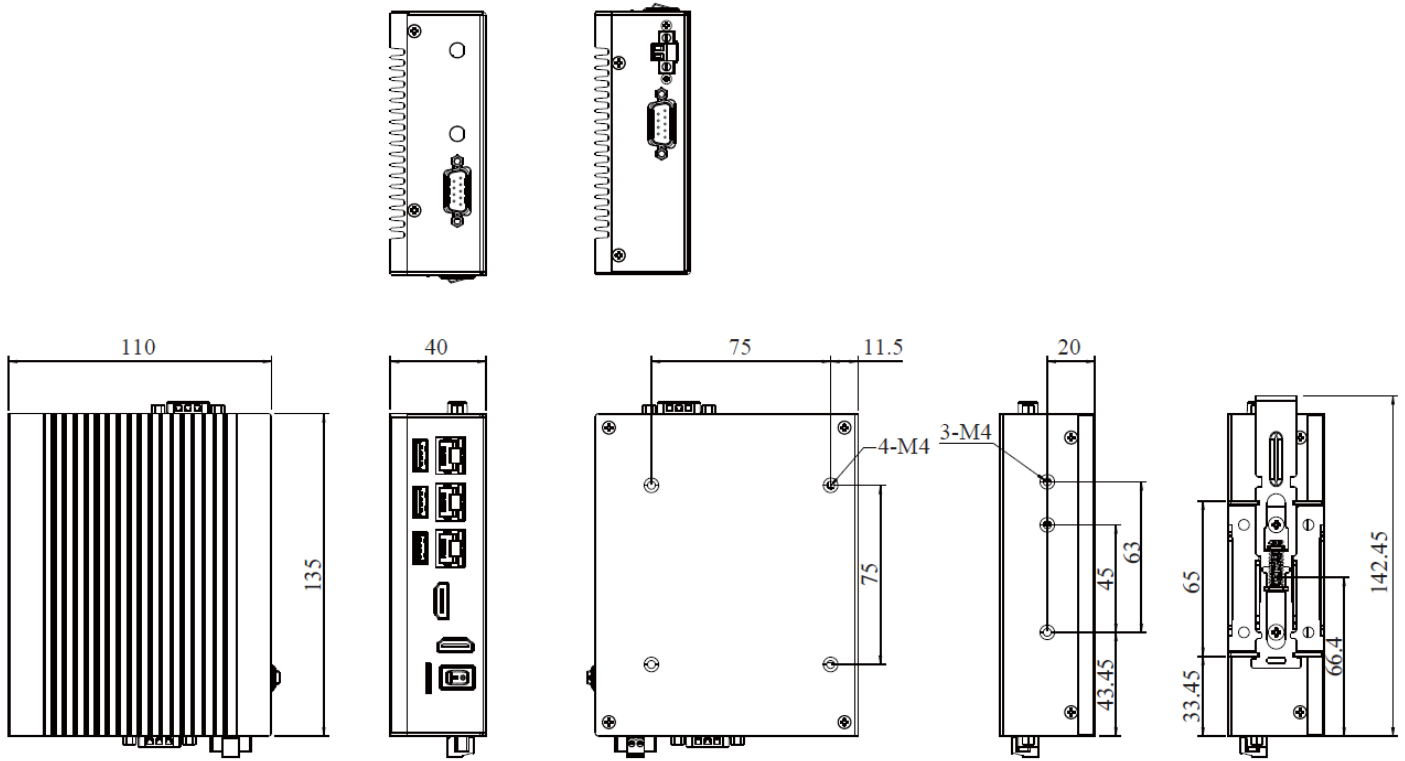
## Power

Spec Item	Description
DC input	Wide Range +9~24V
AC input	External adapter 100 / 240V

## Environment

Spec Item	Description
Operating Temp. (100 % CPU usage)	-20°C to +60°C (X6413E)
	0°C to +60°C (J6412)
Storage Temp.	-20°C to +70°C
Relative Humidity	95% @ 40°C, non-condensing

# System & Mounting Dimensions



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