NET-III 2I640DW

Computing Vision IPC w /
Intel® Atom® Elkhart Lake 6000 Series CPU &
Pre-installed M.2 Hailo-8™ AI Accelerator

HAILO
Empowering Intelligence

Features:

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

Specifications :

Motherboard	2I640DW	
CPU	Intel® Elkhart Lake ATOM x6413E Quad Core 3.0 GHz CPU	
	Intel® Elkhart Lake Celeron J6412 Quad Core 2.6 GHz CPU	
Chipset	Intel Elkhart Lake SoC	
Memory	1 x DDR4 SODIMM socket, Max. 32GB	
AI Accelerator	Pre-installed M.2 Hailo-8™	
Expansion slots	1 x M.2 B Key Type2242 / 3042 (PCIe x2 / USB 3.0 / USB 2.0)	
	1 x Nano SIM	
	1 x M.2 B Key Type2242 (PCIe x2 / USB 2.0 / SATA)	
I/O ports	Network	3 x Intel 2.5 GbE I225
	USB	2 x USB 3.0
	Serial ports	2 x RS232 / 422 / 485
	Display	2 x HDMI
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

Dimensions	135W x 110D x 35H mm
Weight	0.75 kg
Mounting	DIN-Rail Mount*

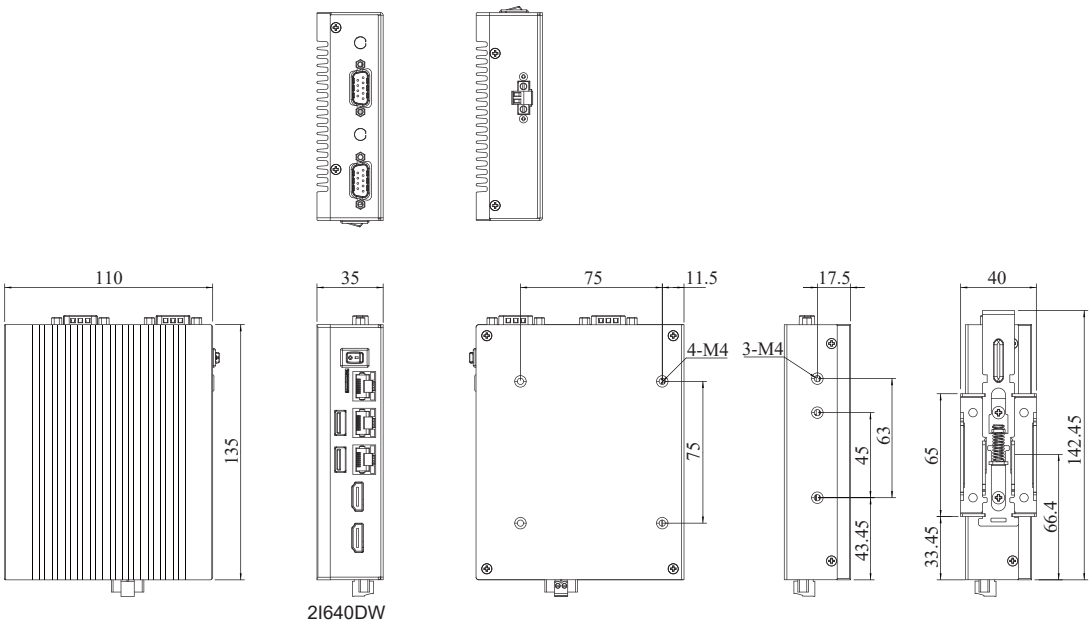
Power

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

Environment

Operating Temp. (100 % CPU usage)	-20°C to +60°C (X6413E) 0°C to +60°C (J6412) *With wide range temperature memory & storage
Storage Temp.	-20°C to +70°C
Relative Humidity	95% @ 40°C, non-condensing

Dimension



Specification are subject to change without prior notice. ODM / OEM is available.

Lex SYSTEM