



SKY 2-2I640DW

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

Features:

- Elkhart Lake ATOM® x6413E / J6412 CPU
- Pre-installed M.2 Hailo-8™ AI Accelerator
- 1 x DDR4 SODIMM socket, Max. 32GB
- Multiple Independent display: 2 x HDMI (OEM Option to DP)
- 3 x Intel 2.5 GbE LAN, 2 x USB 3.0, 3 x USB 2.0, 2 x COM
- 2 x M.2, 4DI / 4DO (option), 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
AI Accelerator	Pre-installed M.2 Hailo-8™ AI Accelerator
Memory	1 x DDR4 SODIMM socket, Max. 32GB
Expansion slots	1 x M.2 B Key Type 2242 / 3042 (PCIe x2 / USB 3.0 / USB 2.0) 1 x M.2 B Key Type 2242 (PCIe x2 / USB 2.0 / SATA) 1 x Nano SIM
I/O ports	Network 3 x Intel 2.5 GbE I225 (external) USB 2 x USB 3.0, 3 x USB 2.0 Serial ports 2 x RS232 / 422 / 485 Display 2 x HDMI (OEM Option to DP)
Optional Modules & Accessory	GPS, Bluetooth, PoE, WiFi, 4G LTE, Isolated COM, battery UPS, DI / DO, Video Input *VESA Mounting Kit, DIN Rail Mounting Kit, *Wall Mount 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	141W x 111.2D x 71.9H mm
Weight	1.25 kg
Mounting	VESA Mount* (VESA 75), DIN-Rail Mount*, Wall Mount*

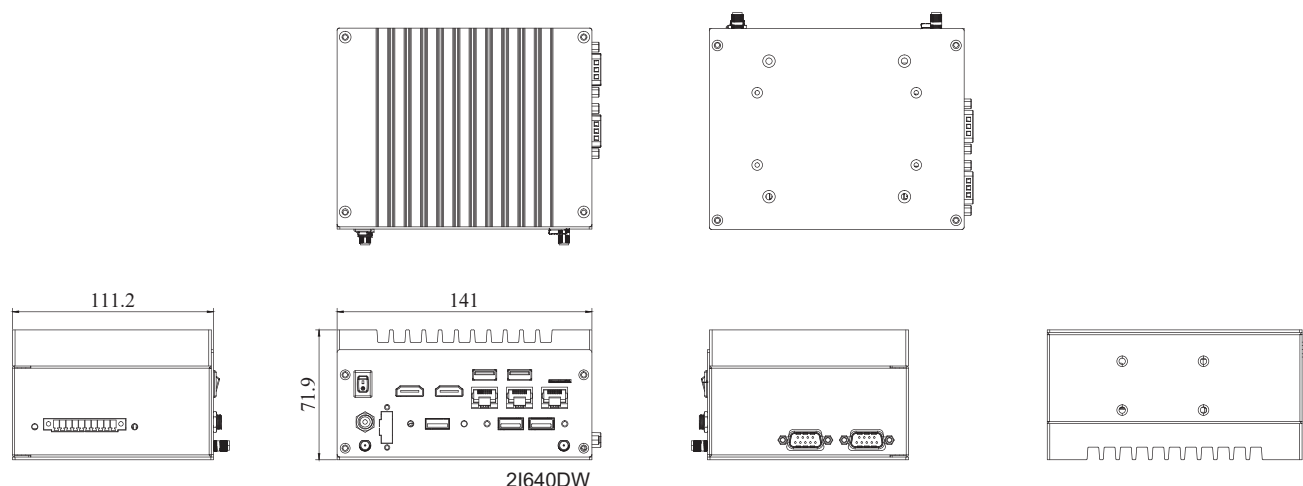
Power

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

Environment

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

Dimension



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