



NET-III 2I642DW

Compact Fanless Embedded Computer
with Elkhart Lake ATOM® X6413E / J6412 Processor

Features:

- Elkhart Lake ATOM® X6413E / J6412 CPU
- Onboard LPDDR4, 4GB / 8GB / 16GB
- Multiple Independent display: 2 x HDMI® (1Can OEM to DP)
- 3 x Intel 2.5 GbE LAN, 2 x USB 3.0, 2 x COM, eMMC 32~256GB
- 2 x M.2, 1 x Nano SIM

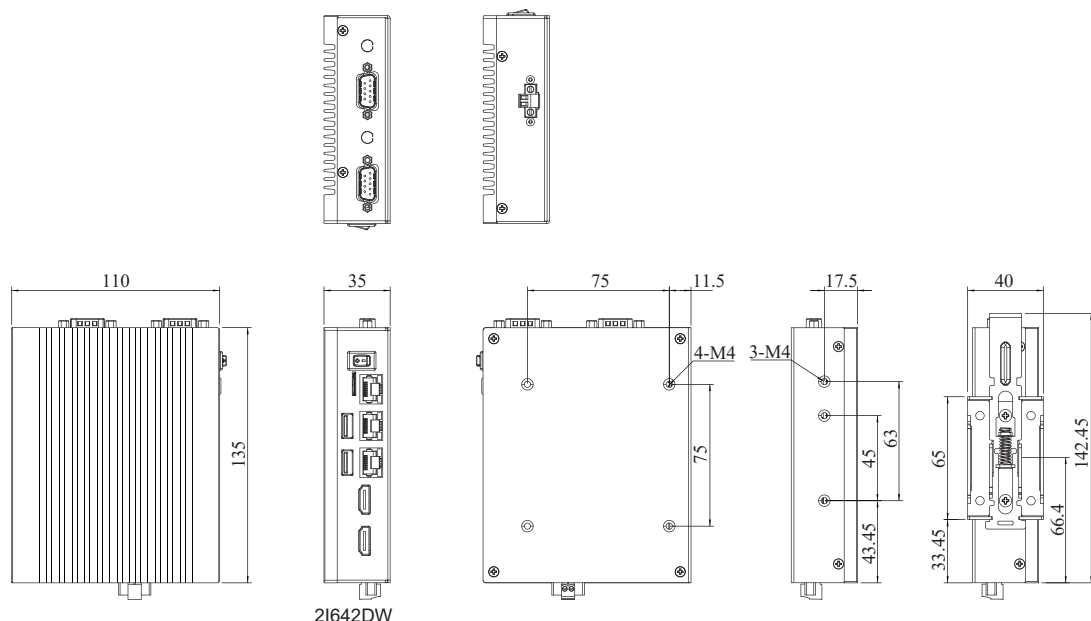
Specifications :

Motherboard	2I642DW	
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	Onboard LPDDR4, 4GB / 8GB / 16GB	
Storage	M.2 NVMe SSD, M.2 SATA SSD, eMMC 5.1 32GB~256GB	
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
	USB	2 x USB 3.0
	Serial ports	2 x RS232 / 422 / 485
	Display	2 x HDMI® (1Can OEM to DP)
Optional Modules & Accessory	CN064: M.2 B key 2242 to M.2 E Key 2230, WiFi 6 + BT CN067: M.2 B key 2242 to M.2 B Key 2252, 4G / 5G (3.7V by BOM Control) *DIN-Rail Mounting Kit	
OS Support	Windows® 10 IOT, Windows® 11 IOT Ubuntu 22.04 above, Fedora 36 above	

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) ; -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.