



# TERA-2I640DW

Compact Fanless Embedded Computer  
with Elkhart Lake ATOM® x6413E  
/ J6412 Processor

## Features:

- Elkhart Lake ATOM® x6413E / J6412 CPU
- 1 x DDR4 SODIMM socket, Max. 32GB
- Multiple Independent display: 2 x HDMI (OEM Option to DP)
- 3 x Intel GbE LAN, 2 x USB 3.0, 2 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 2.7 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	
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 GbE I211AT (external)
	USB	2 x USB 3.0, 2 x USB 2.0
	Serial ports	2 x RS232 / 422 / 485
	Display	2 x HDMI (OEM Option to DP)
	DI/O	4DI / 4DO (option)
Optional Modules & Accessory	GPS, Bluetooth, PoE, WiFi, 4G LTE, Isolated COM, battery UPS, DI / DO, Video Input *VESA / Wall Mounting Kit, DIN Rail Mounting Kit	
OS Support	Windows® 10 IOT (64bit) Ubuntu 16.04.3 above, Fedora 26 above, CentOS 7.4 above	

## Mechanical

Dimensions	145W x 102.4D x 56.5H mm
Weight	0.88 kg
Mounting	DIN Rail Mount*, VESA / Wall Mount*

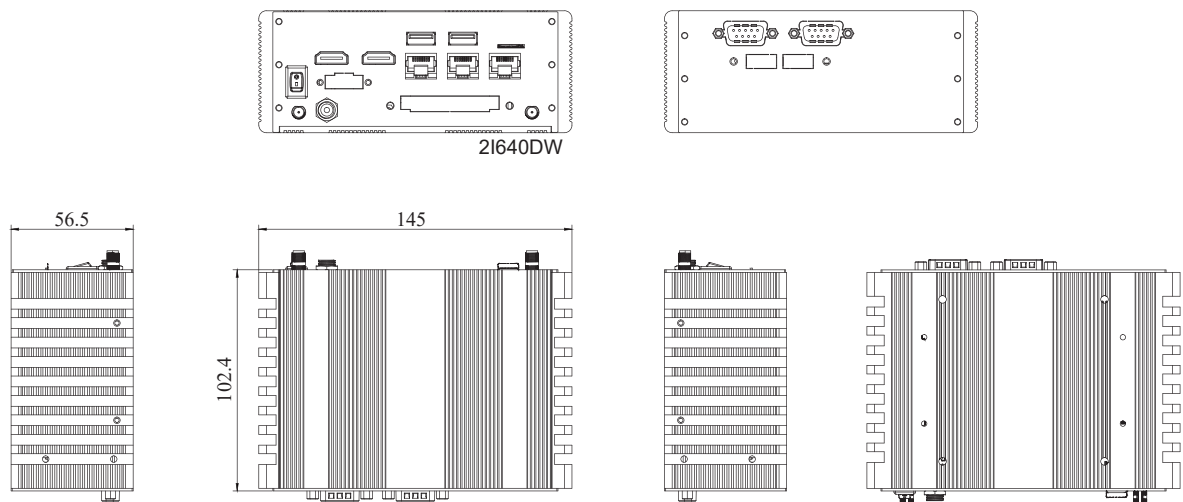
## Power

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

## Environment

Operating Temp. (100 % CPU usage)	-20°C to +60°C *W / Industrial SSD
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.