

TWITTER 3I640DW

Fanless Embedded Computer with
Intel® Atom™ Elkhart Lake 6000 series Processor

Features:

- Intel® Elkhart Lake ATOM x6413E / Celeron J6412 Quad Core CPU
- 1 x DDR4 SODIMM, Max. 32GB
- 5 x 2.5GbE, 2 x COM, 2 x HDMI, 4 x USB
- 1 x Mini PCIe, 1 x M.2, 1 x Nano SIM
- Wide Range 9~36V DC input

Specifications :

Motherboard	3I640DW	
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, Max. 32GB	
Storage	M.2, SSD HDD*	
Expansion slots	1 x M.2 B Key Type 2242 / 3042 (SATA / USB 2.0 / USB 3.0)	
	1 x Mini PCIe (USB 2.0 / PCIe-OEM to mSATA-share w/SATA)	
	1 x Nano SIM	
I/O ports	Network	5 x Intel i225 / i226 2.5 GbE
	USB	1 x USB 3.0
		3 x USB 2.0
	Serial ports	2 x RS232 / 422 / 485
	Display	2 x HDMI
	DI/O	4DI / 4DO
Optional Modules & Accessory	4G / 5G, Wifi, Bluetooth, Digital I/O	
	*SATA HDD Kit, *VESA Mount Kit	
	*Wall mount Kit	
OS Support	Windows® 11 IOT, Windows® 10 IOT	
	Ubuntu 22.04 above, Fedora 36 above	

Mechanical	
Dimensions	210W x 121D x 55H mm
Weight	1.2 kg
Mounting	VESA Mount / Wall Mount*
Power	
DC input	Wide Range DC-IN +9V~36V
AC input	External adapter 100 / 240V
	AC-DC 30W
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
Certification	CE / FCC class A

Dimension

