



SLIM 12.1" PPC

12.1" Fanless Panel PC with
Intel® Atom™ Elkhart Lake Processor

■ Features:

- 12.1" LCD with resistive touch screen
- 1 x DDR4 SODIMM, Max. 32GB
- 2 x 2.5GbE, 4 x COM, DVI, HDMI, 4 x USB, Audio
- Wide Range 9~36V DC input
- ABS front frame + Aluminum housing

■ Specifications :

Motherboard	3i640CW
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 SATA SSD, M.2 NVMe SSD
Expansion slots	1 x M.2 B Key Type 2242 / 3042 (SATA / USB 2.0 / USB 3.0) 1 x M.2 B Key Type 2242 (PCIe x2 / USB 2.0), support NVMe 1 x Mini PCIe (USB 2.0 / PCIe) 1 x Mini SIM
I/O ports	Network 2 x Intel 2.5 GbE USB 2 x USB 3.0 2 x USB 2.0 ; 2 x USB 2.0 (optional) Serial ports 2 x RS232 / 422 / 485 2 x RS232 Display 1 x DVI, 1 x HDMI HD Audio Line-out / Mic-in
Optional Modules & Function	4G / 5G, Wifi, Bluetooth, Digital I/O *SATA Kit, *VESA Mount Kit *External power adapter
■ Certification	CE / FCC
OS Support	Windows® 11 IOT , Windows® 10 IOT Ubuntu 22.04 above, Fedora 36 above

■ Mechanical

Dimensions	320.3W x 275D x 60.9H mm
Weight	3.4 kg
Mounting	Support Panel Mount / Wall mount VESA mount & Stand (optional)

■ Power

DC input	+9~36V
AC input	External adapter 100 / 240V AC-DC (optional)

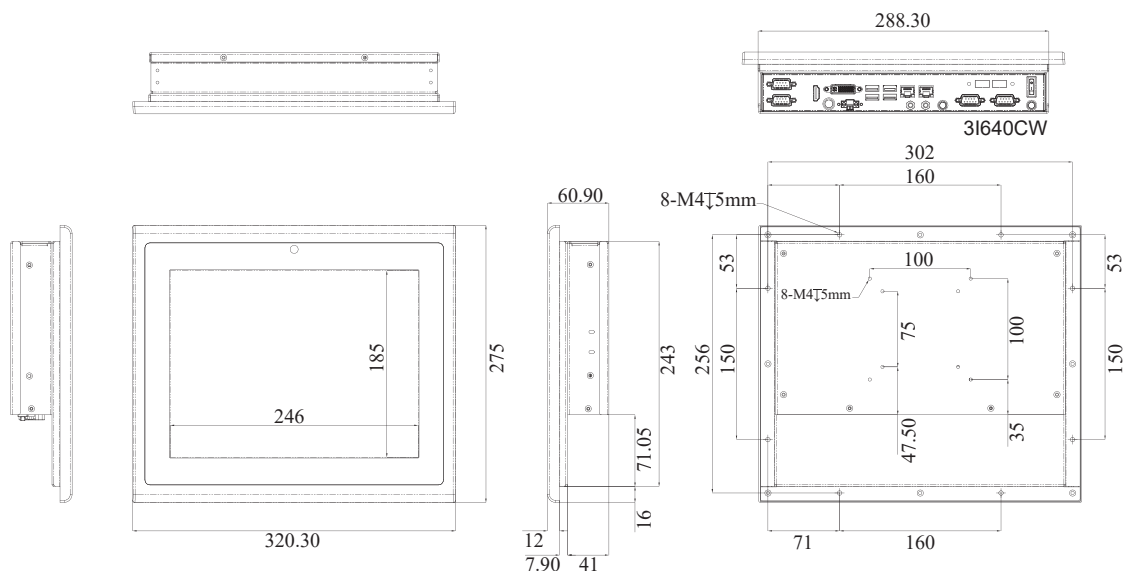
■ LCD Display & Touch

Display Type	12.1 inch 4:3
Max. Resolution	1024 x 768
Viewing Angle	80(U) 80(D) 80(R) 80(L)
Luminance (cd/m2)	500
Contrast Ratio	700:1
Touch Type	Resistive Touch Screen

■ Environment

Operating Temp.	-20°C to +60°C (X6413E) 0°C to +50°C (J6412) *With wide range temperature memory & storage
Storage Temp.	-20°C to +70°C
Relative Humidity	95% @ 40°C, non-condensing
IP Rating	Front panel IP65 Compliant

■ Dimension



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