



STAR 12.1" PPC

12.1" IP66/67 Fanless Panel PC
with Intel® Atom™ Elkhart Lake Processor

Features:

- 12.1" LCD with resistive touch screen
- Intel® Atom™ Elkhart Lake x6413E / J6412 CPU
- On Board LPDDR4 up to 8GB
- M12 IO connectors
- Aluminum housing



Specifications :

Motherboard	2I640HW	
CPU	Intel® Atom™ Elkhart Lake x6413E / J6412 CPU	
Chipset	Intel Elkhart Lake SoC	
Memory	On Board LPDDR4 up to 8GB	
Storage	mSATA, HDD / SSD*	
Expansion slots	1 x Mini PCIe (USB 2.0 / PCIe) 1 x M.2 B Key 2242 / 3042 (SATA / USB 3.0 / 2.0) 1 x Nano SIM (M.2)	
M12 I/O ports (Selectable)	Network	2 x Intel 2.5 GbE
	USB	5 x USB 2.0
	Serial ports	1 x RS232 / 422 / 485 ; 3 x RS232
Optional Modules & Function	GPS, Bluetooth, PoE, WiFi, 4G LTE, Isolated	
	COM, battery UPS	
	*SATA Kit, *VESA Mount Kit ; *External power adapter	
Certification	CE / FCC, EN50155	
OS Support	Windows® 10 IOT ; Windows® 11 IOT Ubuntu 22.04 above, Fedora 36 above	

Mechanical

Dimensions	323.5W x 268D x 54.6H mm
Weight	3.4kg
Mounting	VESA mount & Stand (optional)

Power

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

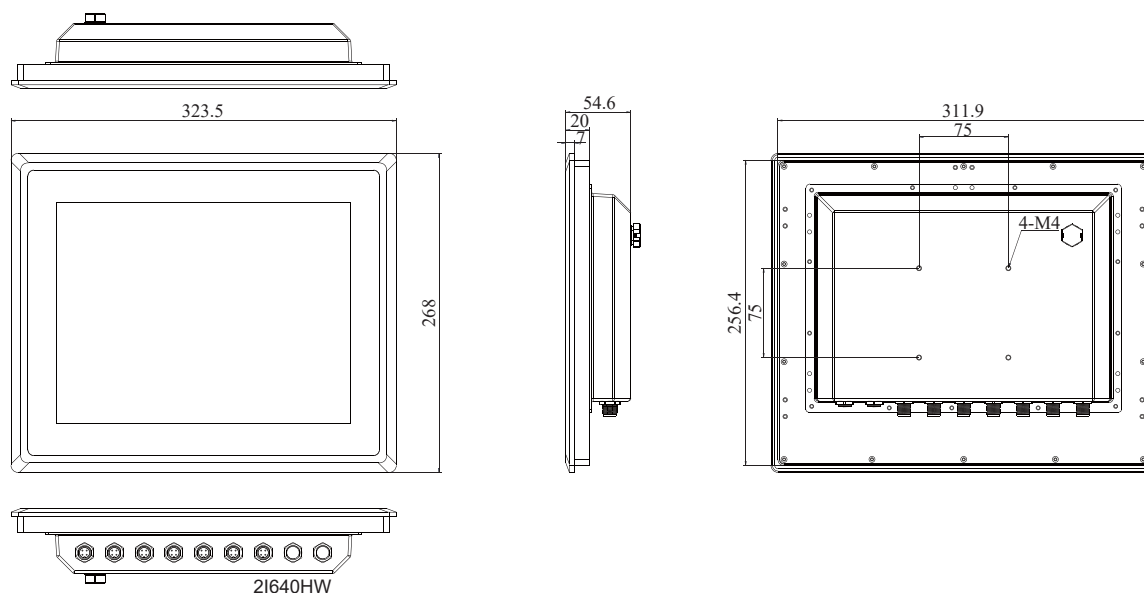
LCD Display & Touch

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 with mSATA / SSD
(100 % CPU usage)	0°C to +50°C with HDD
Storage Temp.	-20°C to +70°C
Relative Humidity	95% @ 40°C, non-condensing
IP Rating	IP66 / IP67 Compliant

Dimension



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