



STAR 21.5" PPC

21.5" Fanless Panel PC with
Intel® Elkhart Lake ATOM® 6000 series Processor

Features:

- 21.5" LCD with Capacitive touch screen
- Intel® Elkhart Lake ATOM® x6413E / J6412 CPU
- 1 x DDR4 SODIMM, Max. 32GB
- 2 x 2.5GbE, 4 x COM, DVI, HDMI, 4 x USB
- Wide Range 9~36V DC input
- 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	SSD, M.2
Expansion slots	1 x M.2 B Key Type3042 (SATA / USB 2.0 / USB 3.0) 1 x M.2 B Key Type2242 (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 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 6, Bluetooth, Digital I/O *HDD 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	548W x 328.6D x 64H mm
Weight	5.2 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	21.5 inch 16:9
Max. Resolution	1920 x 1080
Viewing Angle	80(U) 80(D) 80(R) 85(L)
Luminance (cd/m2)	250
Contrast Ratio	1000:1
Touch Type	Capacitive Touch Screen

Environment

Operating Temp. (100 % CPU usage)	-20°C to +60°C with SSD
Storage Temp.	-20°C to +70°C
Relative Humidity	95% @ 40°C, non-condensing
IP Rating	Front panel IP65 Compliant

Dimension

