



# SLIM 15" PPC

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

## Features:

- 15" LCD with resistive touch screen
- 1 x DDR4 SODIMM, Max. 32GB
- 2 x 2.5GbE, 6 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<br>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)<br>1 x M.2 B Key Type2242 (PCIe x2 / USB 2.0), support NVMe<br>1 x Mini PCIe (USB 2.0 / PCIe)<br>1 x Mini SIM                                    |
| I/O ports                   | Network 2 x Intel 2.5 GbE<br>USB 2 x USB 3.0<br>2 x USB 2.0 ; 2 x USB 2.0 (optional)<br>Serial ports 2 x RS232 / 422 / 485<br>4 x RS232<br>Display 1 x DVI, 1 x HDMI<br>HD Audio Line-out / Mic-in |
| Optional Modules & Function | 4G / 5G, Wifi 6, Bluetooth, Digital I/O<br>*HDD Kit, *VESA Mount Kit<br>*External power adapter                                                                                                    |
| <b>Certification</b>        | CE / FCC                                                                                                                                                                                           |
| OS Support                  | Windows® 11 IOT , Windows® 10 IOT<br>Ubuntu 22.04 above, Fedora 36 above                                                                                                                           |

## Mechanical

|            |                                                                   |
|------------|-------------------------------------------------------------------|
| Dimensions | 384W x 312 D x 70.5H mm                                           |
| Weight     | 4 kg                                                              |
| Mounting   | Support Panel Mount / Wall mount<br>VESA mount & Stand (optional) |

## Power

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

## LCD Display & Touch

|                   |                         |
|-------------------|-------------------------|
| Display Type      | 15 inch 4:3             |
| Max. Resolution   | 1024 x 768              |
| Viewing Angle     | 80(U) 80(D) 80(R) 80(L) |
| Luminance (cd/m2) | 450                     |
| Contrast Ratio    | 800:1                   |
| Touch Type        | Resistive Touch Screen  |

## Environment

|                   |                                                                                                  |
|-------------------|--------------------------------------------------------------------------------------------------|
| Operating Temp.   | -20°C to +60°C (X6413E)<br>0°C to +50°C (J6412)<br>*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

