



# TWITTER 31640A

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
- 2 x 2.5GbE, 4 x COM, DVI, HDMI, 4 x USB
- 1 x Mini PCIe, 2 x M.2, 1 x Mini SIM
- DC-IN +12V

## Specifications :

|                              |  |
|------------------------------|--|
| Motherboard                  | 31640A   |
| 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                      | M.2, SSD HDD*  |
| Expansion slots              | 1 x M.2 B Key Type 3042 (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 i225 / i226 2.5 GbE<br>USB 2 x USB 3.0<br>2 x USB 2.0<br>Serial ports 2 x RS232 / 422 / 485<br>2 x RS232<br>Display 1 x DVI, 1 x HDMI          |
| Optional Modules & Accessory | 4G / 5G, Wifi, Bluetooth, Digital I/O<br>*SATA HDD Kit, *VESA Mount Kit<br>*Wall mount Kit   |
| OS Support                   | Windows® 11 IOT, Windows® 10 IOT<br>Ubuntu 22.04 above, Fedora 36 above  |

## Mechanical

|                                      |  |
|--------------------------------------|--|
| Dimensions                           | 210W x 121D x 55H mm                     |
| Weight                               | 1.1 kg                                   |
| Mounting                             | VESA Mount / Wall Mount*                 |
| <b>Power</b>                         |  |
| DC input                             | +12V                                     |
| AC input                             | External adapter 100 / 240V<br>AC-DC 30W |
| <b>Environment</b>                   |  |
| Operating Temp.<br>(100 % CPU usage) | -20°C to +60°C with SSD                  |
| Storage Temp.                        | -20°C to +70°C                           |
| Relative Humidity                    | 95% @ 40°C, non-condensing               |
| <b>Certification</b>                 | CE / FCC class A                         |

## Dimension

