



## Features

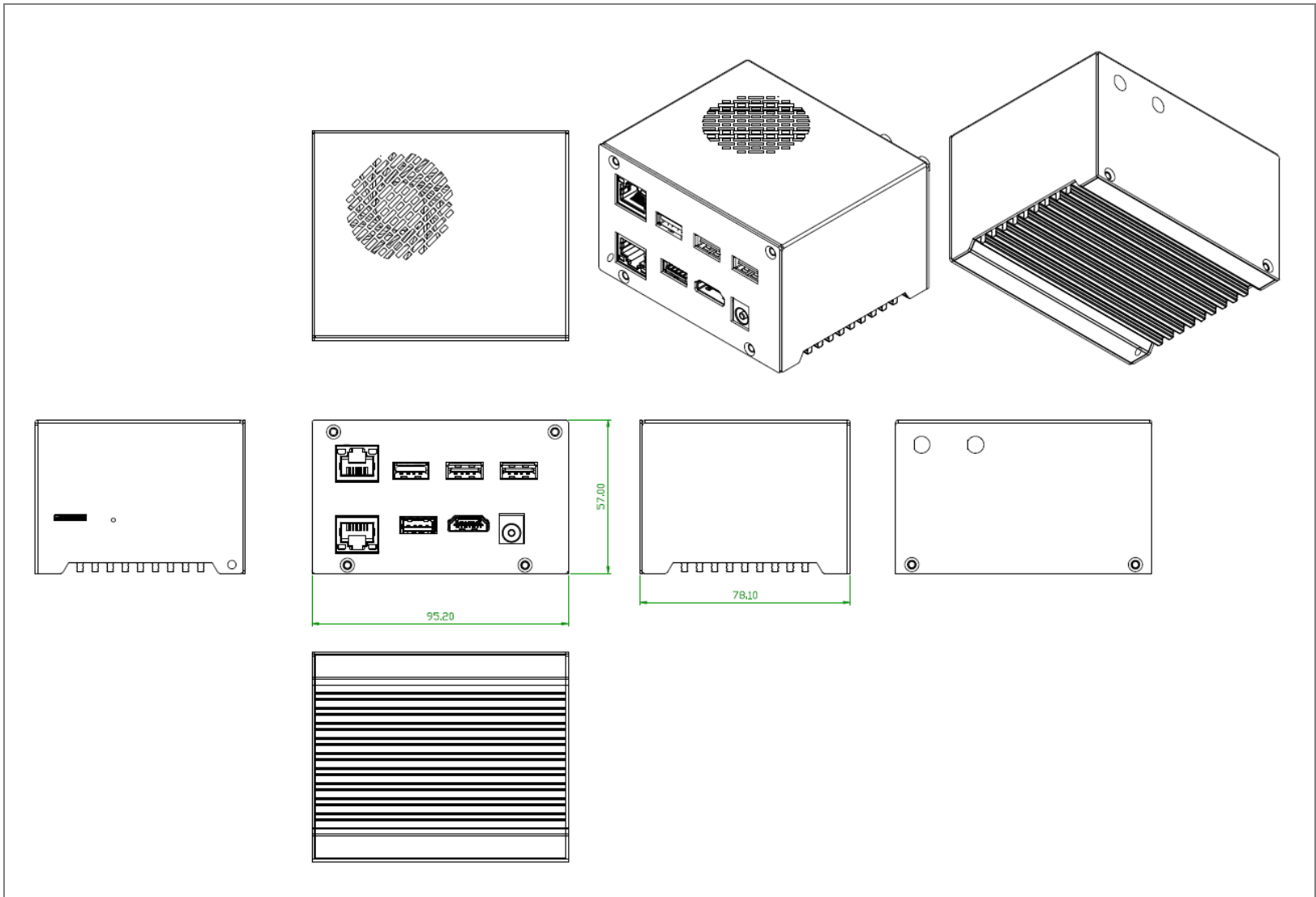
- Intel Atom X5-E3940 Quad Core 1.6GHz
- Onboard LPDDR4 4 GB / eMMC 32G
- Built-in Micro SD Card Slot x 1
- HDMI output x 1
- Gigabit Ethernet RJ-45 x 2 LAN port
- USB 3.0 x 4
- M.2 E key x 1 (For Wifi/BT Module)
- Mini PCIe connector x 1 (For 4G LTE Module)

## Specifications

| System                       |                                                           | Interface       |                         |
|------------------------------|-----------------------------------------------------------|-----------------|-------------------------|
| CPU/GPU                      | Intel Atom X5-E3940 Processor SoC / Intel HD 500 Graphics | Serial Port     | -                       |
| Memory                       | Onboard LPDDR4 1866MHz 4GB                                | CAN Bus         | -                       |
| Storage                      | eMMC 5.1 32GB                                             | Ethernet        | 2 x Intel I210 GbE RJ45 |
| Real time clock              | Yes                                                       | USB             | 4 x Type A USB 3.0      |
| Indicators                   | -                                                         | DI/DO           | -                       |
| Cellular                     | Mini PCIe Connector x 1                                   | Audio           | -                       |
| Wireless                     | M.2 2230 E Key slot x 1                                   | Display         | 1 x HDMI 1.4            |
| Operating System             | Window 10 / Linux (by request)                            | Power Connector | DC Jack                 |
| Power Supply                 |                                                           | Expansion Slot  | -                       |
| Power Requirement            | DC 12V Power input                                        | Other Interface | Antenna x2 (Optional)   |
| Power Consumption            | 20W                                                       |                 |                         |
| MTBF (Hours)                 | 516,789                                                   |                 |                         |
| Environmental and Mechanical |                                                           |                 |                         |
| Dimension                    | 78.1 x 95.2 x 57 mm                                       |                 |                         |
| Weight                       | 880g                                                      |                 |                         |
| Mouting/Installation         | TBD                                                       |                 |                         |
| Operating Temperature        | -20°C to 75°C (w/ Fan)                                    |                 |                         |
| Storage Temperature          | -40°C to 80°C                                             |                 |                         |
| Operating Humidity           | 5~90% (non-condensing)                                    |                 |                         |
| Certification                |                                                           |                 |                         |
| Regulations                  | CE, FCC                                                   |                 |                         |

## Dimension

Unit: mm / inch



## Ordering Information

| Part Number                                                                            | Packing List                                                                       |
|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Intel Atom X5-E3940, 1.6 GHz, LPDDR4 4 GB, eMMC 32 GB, 1xHDMI, 2xGbE, 4xUSB 3.0, DC12V | <ol style="list-style-type: none"> <li>IES-10A1</li> <li>Screws Package</li> </ol> |

## Optional Accessories

| Part Number / Item |                |  |  |
|--------------------|----------------|--|--|
| 4AR33-1203A-TD1    | Adapter DC 12V |  |  |
| 4AR31-12033-US1    | Power Cord     |  |  |
|                    |                |  |  |
|                    |                |  |  |