



# SKY 3 3I130DW

Fanless Embedded Computer  
with 13th Gen Intel® Raptor Lake-P/U  
& 12th Intel® Alder Lake-P/U Processor

## ■ Features:

- Intel® 13th Gen Raptor Lake-P/ Raptor Lake-U, i7 / i5 / i3, Pentium CPU
- Intel® 12th Gen Alder Lake-P / Alder Lake-U, i7 / i5 / i3, Celeron CPU
- 2 x DDR5 SODIMM (Max. 64GB)
- Multiple Independent display: 2 x HDMI
- 5 x Intel 2.5 GbE LAN, 3 x USB 3.2, 1 x USB 2.0
- 1 x Mini PCIe, 1 x M.2 M Key, 1 x M.2 B Key, 1 x Nano SIM
- 2 x COM, 4DI / 4DO

## ■ Specifications :

|                              |                                                                                                                                                                                                 |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Motherboard                  | 3I130DW                                                                                                                                                                                         |
| CPU                          | 13th Gen Raptor Lake-P/ Raptor Lake-U, i7 / i5 / i3, Pentium CPU<br>12th Gen Alder Lake-P / Alder Lake-U, i7 / i5 / i3, Celeron CPU                                                             |
| Chipset                      | Intel Raptor Lake-P/U ; Alder Lake-P/U SoC                                                                                                                                                      |
| Memory                       | 2 x DDR5 SODIMM socket, Max. 64GB                                                                                                                                                               |
| Storage                      | mSATA, M.2, HDD / SSD*                                                                                                                                                                          |
| Expansion slots              | 1 x Full Size Mini PCIe (PCIe / USB 2.0)<br>1 x M.2 M key Type 2280 (PCIe x 4), Support NVMe<br>1 x M.2 B key Type 3042 / 3052 (mSATA / USB 3.2 GEN 1 x 1 / USB 2.0)<br>1 x Nano SIM            |
| I/O ports                    | Network      5 x Intel 2.5GbE<br>USB            3 x USB 3.2 Gen 1 x 1, 1 x USB 2.0<br>Serial ports   2 x RS232 / 422 / 485<br>Display        2 x HDMI<br>GPIO          4 x DI / 4 x DO (option) |
| Optional Modules & Accessory | *SATA Kit *VESA Mounting Kit *System Mounting Kit<br>*4G / 5G, WiFi , BT, Module, Digital I/O, 2 / 4 PoE                                                                                        |
| OS Support                   | Windows® 10 IOT ; Windows® 11 IOT<br>Ubuntu 22.04 above, Fedora 36 above                                                                                                                        |

## ■ Mechanical

|            |                                |
|------------|--------------------------------|
| Dimensions | 183W x 142.2D x 83.9H mm       |
| Weight     | 2.8 kg                         |
| Mounting   | DIN-Rail Mount*, System Mount* |

## ■ Power

|          |       |
|----------|-------|
| DC input | 9~36V |
|----------|-------|

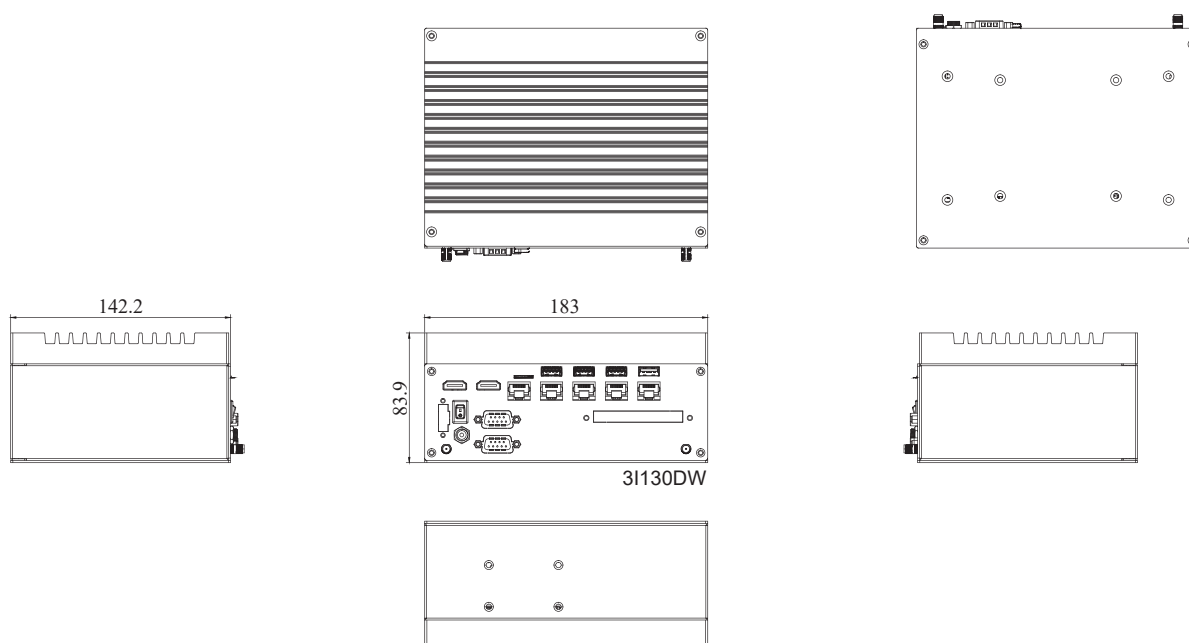
## ■ Environment

|                                      |                                                                                  |
|--------------------------------------|----------------------------------------------------------------------------------|
| Operating Temp.<br>(100 % CPU usage) | -40°C~70°C (under specific environmental<br>& CPU power consumption conditions.) |
| Storage Temp.                        | -40°C to +70°C                                                                   |
| Relative Humidity                    | 95% @ 40°C, non-condensing                                                       |

## ■ Certification

|                  |
|------------------|
| CE / FCC class A |
|------------------|

## ■ Dimension



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