



# TWISTER(L)-CI870CW

Embedded Computer with  
15th Gen Intel® Core™ Ultra Series processors

## Features:

- Intel® Core™ Ultra 7/5 Series (15th Gen Arrow Lake-S) processors
- Intel® Q870 Chipset
- 2 x DDR5 SODIMM socket, Max. 64GB
- Multiple Independent display: HDMI®, DP, Type C DP ALT Mode
- 5 x Intel 2.5GbE LAN, 4 x USB 3.2, 6 x COM
- 1 x M.2 M Key, 2 x M.2 B Key, 1 x Nano SIM

## Specifications :

|                              |                                                                                                                                                                                                  |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Motherboard                  | CI870CW                                                                                                                                                                                          |
| CPU                          | 15th Gen Intel® Arrow Lake-S Core™ Ultra CPU                                                                                                                                                     |
| Chipset                      | Intel® Q870                                                                                                                                                                                      |
| Memory                       | 2 x DDR5 SODIMM, Max. 64GB                                                                                                                                                                       |
| Storage                      | HDD / SSD*, M.2                                                                                                                                                                                  |
| Expansion slots              | 1 x M.2 M key Type 3080 (PCIe x 4), Support NVMe<br>1 x M.2 B key Type 3042 (USB 3.2 Gne 1x1 / USB 2.0 / SATA) (OEM to Type 3052)<br>1 x M.2 B key Type 3042 (PCIe x2 / USB 2.0)<br>1 x Nano SIM |
| I/O ports                    | Network 5 x Intel 2.5 GbE<br>USB 4 x USB 3.2<br>Serial ports 6 x RS232 / 422 / 485<br>Display 1 x DP, 1 x HDMI®<br>1 x Type C DP ALT Mode                                                        |
| Optional Modules & Accessory | GPS, Bluetooth, PoE, WiFi, 4G LTE, Isolated COM, USB, DI / DO, Video Input<br>*SATA Kit, Wall / VESA Mount Kit*, Riser Card*                                                                     |
| OS Support                   | Windows 10 / 11 (64bit)<br>Linux Ubuntu 22.04 / Kernel 5.15                                                                                                                                      |

## Mechanical

|            |                         |
|------------|-------------------------|
| Dimensions | 300W x 262D x 85H mm    |
| Weight     | 5.6 kg                  |
| Mounting   | Wall Mount* VESA Mount* |

## Power

|          |                         |
|----------|-------------------------|
| DC input | Wide Range DC IN +9~36V |
|----------|-------------------------|

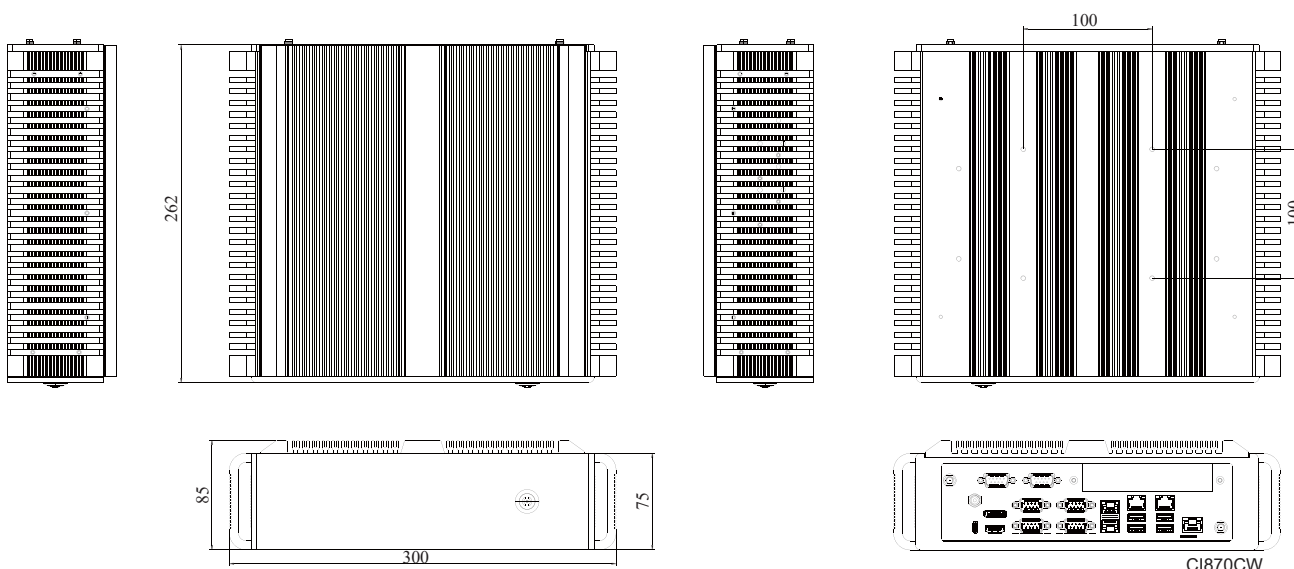
## Environment

|                   |                                |
|-------------------|--------------------------------|
| Operating Temp.   | -20°C to +50°C (Core i7 8700T) |
| (100 % CPU usage) | -20°C to +40°C (Core i7 6700)  |
|                   | *W / Industrial SSD            |
| Storage Temp.     | -20°C to +60°C                 |

## Certification

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

## Dimension



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