



# MIRO 2-2I385CW

## (2 Layer)

Compact Fanless Embedded Computer  
with Intel® Bay Trail Processor

### Features:

- Intel® Bay Trail CPU: Atom™ E3845 / E3825, Celeron® J1900
- 2 / 4GB DDR3L memory on board
- 2 x GbE, 4 x COM, VGA, 2 x USB
- Wide Range 9~36V DC input
- DIN Rail mountable (with optional Kit)

### Specifications :

|                                 |                                                                                                                                                                                                                                                           |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Motherboard                     | 2I385CW                                                                                                                                                                                                                                                   |
| CPU                             | Intel® Bay Trail J1900 / E3825 / E3845 CPU                                                                                                                                                                                                                |
| Chipset                         | Intel Bay Trail SoC                                                                                                                                                                                                                                       |
| Memory                          | On board DDR3L 2 / 4GB                                                                                                                                                                                                                                    |
| Storage                         | mSATA, HDD / SSD*                                                                                                                                                                                                                                         |
| Expansion slots                 | 1 x Full-size Mini PCIe (PCIe / USB / mSATA)<br>1 x Half-size Mini PCIe (USB / mSATA)                                                                                                                                                                     |
| I/O ports                       | Network 2 x Intel GbE<br>USB 2 x USB 2.0<br>Serial ports 4 x COM<br>Display 1 x VGA<br>GPIO DI / DO (optional)                                                                                                                                            |
| Optional Modules<br>& Accessory | GPS, Bluetooth, WiFi, 4G LTE, DI/O, Isolated COM<br>*VESA Mount Kit, *DIN Rail Mounting Kit<br>*Wall Mount Kit,<br>*SATA Kit<br>*External Power Adapter                                                                                                   |
| OS Support                      | Windows® 10 IOT (64bit), Windows® 8.1 (64bit),<br>Windows® Embedded 8 Standard (64bit),<br>Windows® 7 (32 / 64bit),<br>Windows® Embedded Standard 7 Runtime,<br>Ubuntu 14.10 above, Fedora 25 above,<br>Debian 8 above, CentOS 7.3 above, Mint 18.1 above |

### Mechanical

|            |                                           |
|------------|-------------------------------------------|
| Dimensions | 140W x 92D x 64H mm                       |
| Weight     | 0.75 kg                                   |
| Mounting   | Wall Mount*, DIN Rail Mount*, VESA Mount* |

### Power

|          |                                  |
|----------|----------------------------------|
| DC input | +9~36V (2I385CW) ; +12V (2I385A) |
| AC input | External adapter 100 / 240V      |

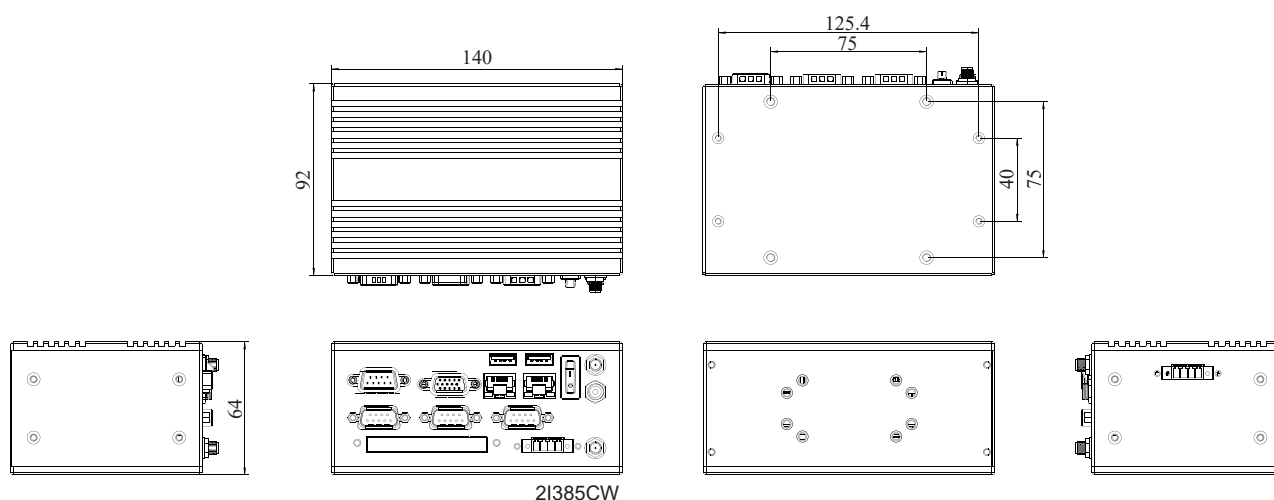
### Environment

|                                      |                                                          |
|--------------------------------------|----------------------------------------------------------|
| Operating Temp.<br>(100 % CPU usage) | -20°C to +60°C with mSATA / SSD<br>0°C to +50°C with HDD |
| Storage Temp.                        | -20°C to +70°C                                           |
| Relative Humidity                    | 95% @ 40°C, non-condensing                               |

### Certification

CE / FCC, UL, IEC / IECCE

### Dimension



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