

# TWIN 2I380A

Fanless Embedded Computer  
with Intel® Bay Trail Processor



## ■ Features:

- Intel® Bay Trail CPU: Atom™ E3845 / E3825, Celeron® J1900
- On Board DDR3L 2GB / 4GB
- Independent display: VGA, HDMI
- 1 x GbE, 4 x USB, 1 x COM, HD Audio
- 2 x Mini PCIe

## ■ Specifications :

|                      |   |
|----------------------|---|
| Motherboard          | 2I380A  |
| CPU                  | Intel® Bay Trail E3825 1.33 Ghz (Dual Core)<br>(Optional J1900 ; E3845)   |
| Chipset              | Intel® Bay Trail SoC  |
| Memory               | On Board DDR3L 2GB (4GB-Optional)   |
| Storage              | mSATA   |
| Expansion slots      | 1 x Full-size Mini PCIe (PCIe / mSATA / USB)<br>1 x Half-size Mini PCIe (mSATA / USB)   |
| I/O ports            | Network 1 x Intel GbE<br>USB 1 x USB 3.0, 3 x USB 2.0<br>COM 1 x RS232 Optional to RS422 / 485<br>Display VGA, HDMI<br>Audio Line out-out / Mic-in  |
| Accessory (Optional) | Optional module: GPS, 3G / 4G, Wi-Fi, USB, CANBus,<br>2 / 4 LAN, SDI / AHD Video, Bluetooth, DI/O, PoE  |
| 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 | 145W x 84D x 35H mm |
| Weight     | 700 g               |

## ■ Power

|          |  |
|----------|--|
| DC input | +12V, +9~36V (Optional)                  |
| AC input | External adapter 100 / 240V<br>AC-DC 30W |

## ■ Environment

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

## ■ Certification

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

## ■ Dimension

