

## Key Characteristics

- ทนทานต่อสภาพแวดล้อมอุตสาหกรรม
- รองรับแรงดันไฟฟ้ากว้าง 9V~36V
- ระบบกู้คืนอัตโนมัติ
- การเชื่อมต่อหลากหลาย
- ขนาดกะทัดรัด
- ระบายความร้อนประสิทธิภาพสูง
- รองรับหลาย CPU เลือกตามการใช้งาน
- ไร้พัดลม เยียบ ไร้ฝุ่น
- รองรับการเชื่อมต่อไร้สาย 4G/5G และ WiFi
- ทำงานได้ต่อเนื่อง 24/7



## Processor, IO Port and Support OS

| CONFIGURATION                                                    | I/O PORTS                                                                        | SUPPORTED OS  |
|------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------|
| Industrial Mini PC Celeron J1900 with 8gb RAM 256gb SSD & WiFi   | 1VGA,1HDMI, 2LAN,2COM, 6USB<br>(Optional 1RS485, 1*LPT, 9V~36V phonex connector) | Windows 7     |
| Industrial Mini PC Celeron J4125 with 8gb RAM 256gb SSD & WiFi   | 1VGA,1HDMI, 2LAN,2COM, 6USB<br>(Optional 1RS485, 1*LPT, 9V~36V phonex connector) | Windows 10    |
| Industrial Mini PC Celeron J6412 with 8gb RAM 256gb SSD & WiFi   | 1VGA,1HDMI, 2LAN,2COM, 6USB<br>(Optional 1RS485, 1*LPT, 9V~36V phonex connector) | Windows 10/11 |
| Industrial Mini PC Alker Lake N100 with 8gb RAM 256gb SSD & WiFi | 1VGA,1HDMI, 2LAN,2COM, 6USB<br>(Optional 1RS485, 1*LPT, 9V~36V phonex connector) | Windows 10/11 |
| Industrial Mini PC i3 5005U with 8gb RAM 256gb SSD & WiFi        | 1VGA,1HDMI, 2LAN,2COM, 6USB<br>(Optional 1RS485, 1*LPT, 9V~36V phonex connector) | Windows 10    |
| Industrial Mini PC i3 6006U with 8gb RAM 256gb SSD & WiFi        | 1VGA,1HDMI, 2LAN,2COM, 6USB<br>(Optional 1RS485, 1*LPT, 9V~36V phonex connector) | Windows 10    |
| Industrial Mini PC i3 8145U with 8gb RAM 256gb SSD & WiFi        | 1VGA,1HDMI, 2LAN,2COM, 6USB<br>(Optional 1RS485, 1*LPT, 9V~36V phonex connector) | Windows 10/11 |
| Industrial Mini PC i5 5200U with 8gb RAM 256gb SSD & WiFi        | 1VGA,1HDMI, 2LAN,2COM, 6USB<br>(Optional 1RS485, 1*LPT, 9V~36V phonex connector) | Windows 10    |
| Industrial Mini PC i5 6300U with 8gb RAM 256gb SSD & WiFi        | 1VGA,1HDMI, 2LAN,2COM, 6USB<br>(Optional 1RS485, 1*LPT, 9V~36V phonex connector) | Windows 10/11 |
| Industrial Mini PC i5 8250U with 8gb RAM 256gb SSD & WiFi        | 1VGA,1HDMI, 2LAN,2COM, 6USB<br>(Optional 1RS485, 1*LPT, 9V~36V phonex connector) | Windows 10/11 |
| Industrial Mini PC i7 5500U with 8gb RAM 256gb SSD & WiFi        | 1VGA,1HDMI, 2LAN,2COM, 6USB<br>(Optional 1RS485, 1*LPT, 9V~36V phonex connector) | Windows 10    |
| Industrial Mini PC i7 6500U with 8gb RAM 256gb SSD & WiFi        | 1VGA,1HDMI, 2LAN,2COM, 6USB<br>(Optional 1RS485, 1*LPT, 9V~36V phonex connector) | Windows 10/11 |
| Industrial Mini PC i7 8550U with 8gb RAM 256gb SSD & WiFi        | 1VGA,1HDMI, 2LAN,2COM, 6USB<br>(Optional 1RS485, 1*LPT, 9V~36V phonex connector) | Windows 10/11 |



## Specifications

| Parameters        |                                                                                                         |
|-------------------|---------------------------------------------------------------------------------------------------------|
| Processor         | Intel® Core i7 6th Gen 6500U Dual core Four thread 2.5GHz Turbo Boost 3.1GHz                            |
| Chip              | Intel® SOC, TDP 15W                                                                                     |
| Graphics          | Intel® HD Graphics 520                                                                                  |
| Computer memory   | DDR4 8GB upgrade to 32GB                                                                                |
| Storage           | M.2 NVMe 128GB upgrade to 1TB                                                                           |
| SATA              | SATA3 500GB upgrade to 1TB                                                                              |
| Expansion         | 1*Mini PCIE support WiFi/Bluetooth or 4G LTE (SIM card interface)                                       |
| BIOS              | AMI UEFI BIOS                                                                                           |
| OS Support        | Windows 10/Windows 11 Linux Ubuntu/CentOS/Debian                                                        |
| I/O Interface     |                                                                                                         |
| RJ45              | 2*RJ45 Ethernet interface 10/100/1000Mbps                                                               |
| RS232             | 2*RS232 COM ports by default, 2*RS422/2*RS485 Optional                                                  |
| USB               | 4*USB3.0 (Blue color), 2*USB2.0 (Black color)                                                           |
| Parallel (LPT)    | Optional                                                                                                |
| 24V width voltage | Optional                                                                                                |
| Display           |                                                                                                         |
| Output 1 Output 2 | 1*Standard VGA interface, support resolution 1920*1080p 1*HDMI interface, support resolution 3840*2160p |
| Multiple Display  | Support dual monitor display                                                                            |



## Functional

|              |                                                |
|--------------|------------------------------------------------|
| Power on     | Support auto power on when electricity returns |
| PXE          | Support PXE boot without SSD                   |
| CMOS battery | Support BIOS restore via CMOS battery          |

## Physical

|           |                             |
|-----------|-----------------------------|
| Material  | Full aluminium alloy case   |
| Heat sink | Passive cooling without fan |
| Dimension | 178*128*55mm                |
| Weight    | 1kg net weight              |

## VESA mount

|                     |                                                                                       |
|---------------------|---------------------------------------------------------------------------------------|
| Installation method | Attach to the computer monitor or digital signage screen Hang on the POS system Kiosk |
|---------------------|---------------------------------------------------------------------------------------|

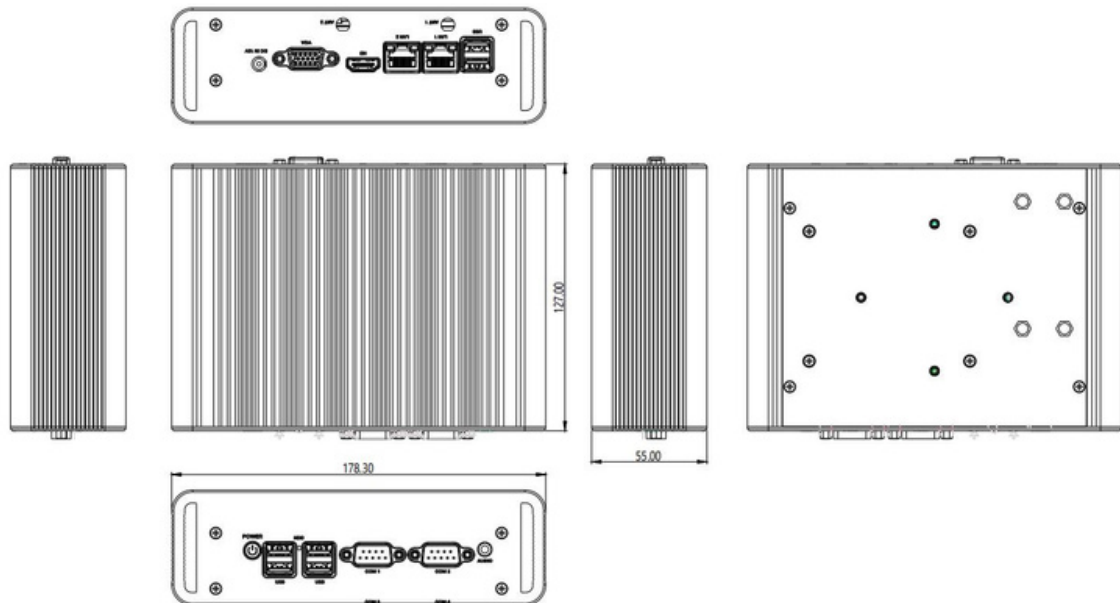
## Power management

|             |                                        |
|-------------|----------------------------------------|
| Switch      | Power button                           |
| Power input | DC 12V (Optional phonex converter 24V) |
| AC output   | 100V~240V auto adaptive                |

## Environment

|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Temperature       | Operation: -10 °C~60°C , Storage: -20°C~70°C        |
| Relative Humidity | Operation: 10%~90%, Storage: 5%~95%, non-condensing |

## Product diagram



## Available Option (By Project)



9V~36V WIDE VOLTAGE



4G/5G SIM CARD

4 LAN PORT



LPT PORT



DUAL LAN PORT

