

# PPC-GS1251TA

12.1" J1900/3855U/3865U/Core™ i series Processor  
Industrial Panel PC



## Features:

- Support J1900/3855U/3865U/Core™ i (6/7 th Gen.) series processor
- Industrial-grade 12.1" TFT LCD and 5-wire resistive touchscreen
- 4\*USB、4\*COM、1\*VGA、1\*HD
- Dual gigabit ethernet ports(Intel® I211-AT)
- Fanless design
- IP65-rated front panel
- Wide operating temperature range-10~50°C

## Specifications:

### System Hardware

|        |  |          |   |
|--------|--|----------|---|
| CPU    | Support Intel® J1900/3855U/3865U/Core™ i(6/7 th Gen.) series processor | Storage  | Maximum support 1TB, support 2.5 inch SSD/HDD |
| Memory | Core™ supports up to 16GB, other 8GB                                   | Watchdog | 255 timer levels, setup by software           |

### Display

|                  |                       |                     |                 |
|------------------|-----------------------|---------------------|-----------------|
| LCD Type         | 12.1" TFT-LCD         | Viewing Angle       | 160°(H)*160°(V) |
| Max. Resoluition | 1024*768              | Contrast Ratio      | 800: 1          |
| Luminance        | 350 cd/m <sup>2</sup> | Backlight Life-Time | 30000 hr(min.)  |

### Touchscreen

|                    |                  |          |    |
|--------------------|------------------|----------|----|
| Touchscreen Type   | 5-wire resistive | Hardness | 3H |
| Light Transmission | >78%             |          |    |

### OS

|    |                            |
|----|----------------------------|
| os | Windows 7、Windows 10、Linux |
|----|----------------------------|

### I/O Ports

|             |   |                |                                     |
|-------------|---|----------------|-------------------------------------|
| USB         | 3*USB 2.0 + 1*USB3.0 (Celeron® J1900)<br>4*USB 3.0 (3855U/3865U/Core™ i(6/7th Gen)) | Audio          | 1*Line-out, 1*Mic-in                |
| Serial port | 4*RS232(1*RS422/RS485 optional)   | Video          | 1*HD, 1*VGA                         |
| LAN         | 2* RJ45 Gigabit Ethernet (Intel® I211-AT)   | GPIO           | 4In/4Out                            |
|             |   | Expansion Slot | 1*Mini PCIe(Wifi/BT/3G/4G optional) |

## Power

Power Input 9~24V DC Input(9~36V DC optional), 12V/5A power adapter

## Environment

Operating Temp. -10°C~60°C , with air flow

Storage Temp. -20°C~70°C

Humidity 95% @40°C, non-condensing

IP Rating Front panel IP65(optional)

Shock Protection acceleration 10G/11ms

Vibration Protection 5-19Hz/1.0mm amplitude; 19-200Hz/1.0g acceleration

Reliability MTBF≥30000h; MTTR≤0.5h

## Mechanical

Dimension (WxHxD) 317\*246\*65.7mm

Weight 4.1kg

Color Silver

Mounting VESA mounting: 100\*100mm

Panel mounting: 309\*193mm

## Dimensions:

