

# TY150-GS51C

15" Intel® Bay Trail J1900 Processor  
Industrial Panel PC



## Features:

- 15" Industrial-grade display with PCAP multi-touch
- Intel® Bay Trail J1900 2.0GHz Processor
- 4G DDR3L 1333 MHz RAM, Up to 8GB
- 1\*GbE, 6\*USB, 2\*RS232, 1\*Mini PCIe
- Fanless design, IP65-rated front panel
- Support VESA mounting and panel mounting

## Specifications:

### System Hardware

|          |                                                             |         |                             |
|----------|-------------------------------------------------------------|---------|-----------------------------|
| CPU      | Intel® Bay Trail J1900 Quad-core Processor                  | Memory  | 4G DDR3L 1333MHz, Up to 8GB |
| Watchdog | Support hardware reset function (256 levels, 0~255 seconds) | Storage | MSATA: 128GB, Up to 512GB   |

### Display

|                  |                             |                |                       |
|------------------|-----------------------------|----------------|-----------------------|
| LCD Type         | 15" TFT-LCD                 | Luminance      | 350 cd/m <sup>2</sup> |
| Touchscreen Type | 15" capacitive touch screen | Contrast Ratio | 1000: 1               |
| Max. Resolution  | 1024*768                    |                |                       |

### Touchscreen

|                    |                                  |          |    |
|--------------------|----------------------------------|----------|----|
| Touchscreen Type   | Multi-touch projected capacitive | Hardness | 6H |
| Light Transmission | >85%                             |          |    |

### OS

|    |                    |
|----|--------------------|
| OS | Windows 7/10、Linux |
|----|--------------------|

### I/O Ports

|             |                             |                |                                  |
|-------------|-----------------------------|----------------|----------------------------------|
| USB         | 5*USB2.0 + 1*USB3.0         | Video          | 1*HD, 1*VGA                      |
| Serial port | 2*RS232, optional RS485/422 | GPIO           | 1*GPIO(2in/2out Optional)        |
| LAN         | 1* RJ45 Gigabit Ethernet    | Expansion Slot | 1*Mini PCIe(WiFi/BT/4G Optional) |
| Audio       | 1*Line-out, 1*Mic-in        | SIM Card       | 1* Built-in SIM card holder      |

## Power

Power Input 12V DC input (12/5A power adapter; 9-36V DC IN optional)

## Environment

Operating Temp. -10°C~60°C, without air flow

Storage Temp. -20°C~70°C

Humidity 95% @40°C, non-condensing

IP Rating Front panel IP65

Shock Protection 10G/11ms

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

## Mechanical

Dimension (WxHxD) 376\*299.5\*54mm

Weight 4.1kg/5.35kg(N.W./G.W.)

Color Black/Silver

Mounting

VESA mounting: 100\*100mm

Panel mounting: 356.98\*280.48mm

## Dimensions:

