

# TY150-GS51C-RP

15" Intel® Bay Trail J1900 Processor  
Industrial Panel PC



## Features:

- Intel® Bay Trail J1900 2.0GHz Processor
- Industrial display, capacitive touch screen
- 4GB DDR3L memory, up to 8GB
- 4\*USB, 2\*RS232, 2\*RS485, 1\*CAN
- 1\*HD, 1\*VGA
- Support binocular face recognition camera, fingerprint module
- 1\* Realtek RTL8111H Gigabit LAN, support Wake-on-LAN/PXE
- Fanless ultra-thin design
- The protection level of the whole panel can reach IP65

## Specifications:

### System Hardware

CPU	Intel® Bay Trail J1900 Quad-core, Quad-thread Processor	Memory	4GB DDR3L memory, up to 8GB
Watchdog	Support hardware reset function (256 levels, 0~255 seconds)	Storage	MSATA: 64GB, 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		

### OS

OS	Windows 7/10、Linux、Ubuntu
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### I/O Ports

USB	3*USB2.0 +1*USB3.0	Video	1*HD+1*VGA
Serial port	2*RS232, 2*RS485, 1*CAN	GPIO	1*GPIO (2in/2out optional)
LAN	1* Realtek RTL8111H RJ45 Gigabit network interface	Expansion Slot	1*Mini PCIe (Wifi/BT/3G/4G optional)
Audio	1*Line-out+1*Mic-in	SIM Card	1* Built-in SIM card holder

### Extended Function

Camera	2MP binocular face recognition camera	Fingerprint Recognition	support
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## Power

Power Input 12V DC input (9~36V wide voltage module optional, standard 12/5A power adapter)

## Environment

Operating Temp.	-10°C~60°C, without air flow	Vibration Protection	5-19Hz/1.0mm amplitude; 19-200Hz/1.0g acceleration
Storage Temp.	-20°C~70°C	Shock Protection	10g acceleration, 11ms period
Humidity	95% @40°C, non-condensing	Reliability	MTBF≥30000h; MTTR≤0.5h
IP Rating	Front panel IP65		

## Mechanical

Dimension (WxHxD)	407*325*54mm	Material	Aluminum alloy panel all metal fanless design
Weight	4.1kg/6.9kg(N.W./G.W.)	Mounting	VESA mounting: 100*100mm
Color	Black		Embedded installation: 387*305mm

## Dimensions:

