

# TR190-51A

19" Intel® Bay Trail J1900 2.0GHz Processor  
Industrial Panel PC



## Features:

- Intel® Bay Trail J1900 2.0GHz processor
- Industrial display, multi-point capacitive touch screen
- 4GB DDR3L memory, maximum support 8GB
- 1\*USB3.0, 3\*USB2.0, 4\*RS232
- 1\*HD display interface, 1\*VGA
- 2\* Intel® Gigabit LAN, 1 of which supports Wake-on-LAN
- Fanless design
- Panel protection level can reach IP65

## Specifications:

### System Hardware

CPU	Intel® Bay Trail J1900 quad-core four-thread processor	Watchdog	Support hardware reset function (256 levels, 0~255 seconds)
Memory	4GB DDR3L, up to 8GB	Storage	M.2, 128GB, up to 512GB

### Display

LCD Type	19" LCD	Luminance	250 cd/m <sup>2</sup>
Touchscreen Type	Capacitive touch screen	Contrast Ratio	1000: 1
Max. Resolution	1440*900		

### OS

OS	Windows7/10、Ubuntu
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### I/O Ports

USB	1*USB3.0 +3*USB2.0	Mini PCIe	1*Mini PCIe(Wifi/BT/4G/5G optional)
Serial Port	4*RS232 (2*RS485 optional)	SIM card	1* Built-in SIM card holder
Network Port	2* RJ45 Gigabit network interface	M.2	1*M.2 SLOT(2242)
Audio	1*Line-out+1*Mic-in	GPIO	NA
Video	1*HD+1*VGA	Expansion port	PCIE/LPC/I2C/2*RS232
DC Port	Phoenix terminal 3pin		

### Power

Power	9-32V wide voltage input, standard 12V/5A adapter (optional adapter for external expansion POE module)
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## Environment

Vibration Protection	5-17Hz/1.0mm amplitude; 17-200Hz/1.0g acceleration	Operating Temp.	-10°C~55°C (wide temperature optional)
Shock Protection	10g acceleration, 11ms cycle	Storage Temp.	-30°C~70°C (wide temperature optional)
IP Rating	Front panel IP65	Humidity	95% @40°C, non-condensing

## Mechanical

Dimension (WxHxD)	472.3*319.3*70.1mm	Material	Aluminum alloy
Weight	6kg	Mounting	VESA mounting: 100*100mm
Color	Silver		Embedded installation: 461*308mm

## Dimensions:

