

TR120-51A

12" 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	12" LCD	Luminance	400 cd/m ²
Touchscreen Type	Capacitive touch screen	Contrast Ratio	1000: 1
Max. Resolution	1280*800		

OS

OS	Windows7/10、Ubuntu
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I/O Ports

USB	1*USB3.0 +3*USB2.0	Mini PCIe	1*Mini PCIe (4G version (WiFi+BT/3G/4G optional) or 5G version (5G only))
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	1*GPIO(4in/4out)
Video	1*HD+1*VGA		
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
Shock Protection	10g acceleration, 11ms cycle
IP Rating	Front panel IP65

Operating Temp.	-10°C ~ 50°C Surface air flow
Storage Temp.	-20°C ~ 70°C
Humidity	95% @40°C, non-condensing

Mechanical

Dimension (WxHxD)	315.8*218*70mm
Weight	2.8Kg
Color	Silver

Material	Aluminum alloy
Mounting	VESA mounting: 100*100mm Embedded installation: 302.1*204.3mm

Dimensions:

