TY101-GS51C

10.1″ Intel® Bay Trail J1900 Processor
Industrial Panel PC



Features:

- 10.1″ Industrial-grade display with PCAP multi-touch
- Intel® Bay Trail J1900 2.0GHz Processor
- 4G DDR3L RAM, Up to 8GB
- 4*USB, 2*RS232, 1*HD, 1*VGA
- 1* Realtek RTL8111H Gigabit Ethernet, 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 Processor	Memory	4G DDR3L, Up to 8GB
Watchdog	Support hardware reset function (256 levels, 0~255 seconds)	Storage	MSATA: 128GB, up to 512GB

Display

LCD Type	10.1″ LCD	Luminance	350 cd/m²
Touchscreen Type	10.1" capacitive touch screen	Contrast Ratio	800: 1
Max. Resolution	1280*800		

OS

OS	Windows 7/10、Linux

I/O Ports

USB	3*USB 2.0 +1*USB 3.0	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/3G/4G Optional)
Audio	1*Line-out, 1*Mic-in	SIM Card	1*Built-in SIM card holder

Power

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

Environment

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

Mechanical

Dimension (LxWxH)	290*210*51.6mm	Mounting	VESA mounting: 100*100mm
Weight	2.62kg/3.71kg(N.W./G.W.)		Embedded installation: 272.38*193.78mm
Color	Black	Material	Aluminum alloy panel all metal fanless design

Dimensions:

