

PPC-GS0851T

8" J1900/3855U/3865U/Core™ i series Processor
Industrial Panel PC



Features:

- Support J1900/3855U/3865U/Core™ i (6/7 th Gen.) series processor
- Industrial-grade 8" TFT LCD and 5-wire resistive touchscreen
- 4*USB、4*COM、1*VGA、1*HD
- Dual gigabit ethernet ports(Intel® I211-AT)
- Fanless design
- IP65-rated front panel
- Wide operating temperature range-10~50°C

Specifications:

System Hardware

CPU	Support Intel® J1900/3855U/3865U/Core™ i(6/7 th Gen.) series processor	Storage	Maximum support 1TB, support 2.5 inch SSD/HDD
Memory	Core™ supports up to 16GB, other 8GB	Watchdog	255 timer levels, setup by software

Display

LCD Type	8" TFT-LCD	Viewing Angle	170°(H)*170°(V)
Max. Resoluition	800*600	Contrast Ratio	400: 1
Luminance	300 cd/m ²	Backlight Life-Time	30000 hr(min.)

Touchscreen

Touchscreen Type	5-wire resistive	Hardness	3H
Light Transmission	>78%		

OS

os	Windows 7、Windows 10、Linux
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I/O Ports

USB	3*USB 2.0 + 1*USB3.0 (Celeron® J1900) 4*USB 3.0 (3855U/3865U/Core™ i(6/7th Gen))	Audio	1*Line-out, 1*Mic-in
Serial port	4*RS232(1*RS422/RS485 optional)	Video	1*HD, 1*VGA
LAN	2* RJ45 Gigabit Ethernet (Intel® I211-AT)	GPIO	4In/4Out (Occupy 1*COM, optional)
		Expansion Slot	1*Mini PCIe(Wifi/BT/3G/4G optional)

Power

Power Input 9~24V DC Input(9~36V DC optional), 12V/5A power adapter

Environment

Operating Temp. -10°C~60°C , with air flow

Shock Protection acceleration 10G/11ms

Storage Temp. -20°C~70°C

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

Humidity 95% @40°C, non-condensing

IP Rating Front panel IP65(optional)

Reliability MTBF≥30000h; MTTR≤0.5h

Mechanical

Dimension (WxHxD) 228*178*60.8mm

Mounting VESA mounting: 100*100mm

Weight 2.0kg

Panel mounting: 213*132mm

Color Silver

Dimensions:

