

TY185-GS51C

18.5" Intel® Bay Trail J1900 Processor
Industrial Panel PC



Features:

- 18.5" Industrial-grade display with PCAP multi-touch
- Intel® Bay Trail J1900 2.0GHz Processor
- 4G DDR3L RAM, Up to 8GB
- 6*USB、2*RS232、1*HD、1*VGA
- 1*HD、1*VGA
- Fanless design, IP65-rated front panel
- 1* Realtek RTL8111H Gigabit Ethernet, support Wake on LAN/PXE

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 | 18.5" TFT-LCD | Luminance | 250 cd/m ² |
| Touchscreen Type | 18.5" capacitive touch screen | Contrast Ratio | 1000: 1 |
| Max. Resolution | 1366*768 | | |

OS

| | |
|----|-------------------|
| OS | Windows7/10、Linux |
|----|-------------------|

I/O Ports

| | | | |
|-------------|---------------------------|----------------|-------------------------------------|
| USB | 5*USB2.0 +1*USB3.0 | Video | 1*HD, 1*VGA |
| Serial port | 2*RS232, 1*RS485 Optional | GPIO | 1*GPIO(4In/4Out 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°C~60°C | Reliability | MTBF≥30000h; MTTR≤0.5h |
| Storage Temp. | -20°C~70°C | Shock Protection | 10G/11ms |
| Humidity | 95% @40°C, non-condensing | Vibration Protection | 5-19Hz/1.0mm amplitude; 19-200Hz/1.0g acceleration |
| IP Rating | Front panel IP65 | | |

Mechanical

| | | | |
|-------------------|--------------------------|----------|--|
| Dimension (LxWxH) | 473.1*295.3*56.2mm | Mounting | VESA mounting: 100*100mm |
| Weight | 6.25kg/7.45kg(N.W./G.W.) | | Embedded installation: 452.97*277.27mm |
| Color | Black/Silver | | |

Dimensions:

