

TY185-GS51C-5G

18.5" Intel® Bay Trail J1900
(Optional Core™ i3/i5/i7) Processor



Features:

- Intel® Bay Trail J1900 2.0GHz low power processor (optional Core™ i3/i5/i7), optional WiFi+5G
- Industrial display, capacitive touch screen
- 4G DDR3L RAM, Up to 8GB/16GB
- 6*USB, 2*RS232, optional 6 serial ports
- 1*HD、1*VGA
- 1~2 Gigabit LAN, support Wake-on-LAN/PXE
- Fanless ultra-slim design, IP65-rated front panel

Specifications:

System Hardware

CPU	Intel® Bay Trail J1900 Quad-Core-Quad-Thread-Processor (optional Core™ I3/I5/I7/Android) Optional WiFi+ 5G	Memory	4G DDR3L, Up to 8GB/16GB
		Storage	MSATA: 128GB, up to 1TB
		Watchdog	Support hardware reset function (256 levels, 0~255 seconds)

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
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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	1~2* GbE Lan	Expansion Slot	1*Mini PCIe(WiFi/BT/3G/4G/5G Optional)
Audio	1*Line-out, 1*Mic-in	SIM Card	1*Built-in SIM card holder

Extended Functions

NFC	Support	Facial Recognition	Optional binocular facial recognition function
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Power

Power Supply	12V DC input (12/5A power adapter; 9-36V DC IN optional)
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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)	473.1*295.3*56.2mm	Material	Aluminum alloy panel all metal fanless design
Weight	6.25kg/7.45kg(N.W./G.W.)	Mounting	VESA mounting: 100*100mm
Color	Black/Silver		Embedded installation: 452.97*277.27mm

Dimensions:

