

TY185-GS12XB

18.5" Intel® Core™ 12th i3/i5/i7 Processor
Industrial Panel PC

Features:

- 18.5" Intel® Processor Core/N-series Alder Lake 12th Gen i3/i5/i7 & N97/N100
- Industrial display screen, multi point capacitive touch screen
- 2*DDR4 8GB (up to 32GB supported)
- 4*USB/1*RS232/485/422,DB9,Jumper switching
- 1*HD/1*VGA/2*RJ45/2*Audio
- Fanless design



Specifications:

System Hardware

CPU	Intel® Processor Core™ /N-series Alder Lake 12th Gen i3/i5/i7 & N97/N100	Memory	8GB (optional 16/32GB)
Watchdog	0-255 seconds/grading implemented through system software	Storage	128GB SSD (optional 256/512GB)

Display

LCD Type	18.5"	Luminance	300 cd/m ²
Max. Resolution	1366*768	Contrast Ratio	1000: 1
Touchscreen Type	18.5" Multi point capacitive touch screen		

OS

OS	Windows 10、 Ubuntu
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I/O Ports

USB	2*USB3.2, 2*USB2.0(optional USB3.0)	Audio	1*Line out, 1*MIC in
Serial port	1*RS232/485/422, DB9, Jumper switching (optional 3*RS232/485/422, DB9, Jumper switching)	Video	1*HDMI, 1*VGA(optional 1*HDMI/DP/DVI)
LAN	2*RJ45 (optional Realtek)	Expansion Slot	Optional dual band WIFI/BT, optional 4G/5G communication
		SIM Card	Optional with 4G/5G

Power

Power Input Standard 12V/5A Phoenix terminal(Optional with electric self starting and 9-36V wide voltage input)

Environment

Vibration Protection	5-17Hz/1.0mm amplitude; 17-200Hz/1.0g acceleration	Operating Temp.	-10°C~60°C, Surface air flow
Shock Protection	10g acceleration, 11ms cycle	Storage Temp.	-20°C~70°C
Reliability	MTBF ≥ 30000h; MTTR ≤ 0.5h	Humidity	95% @ 40°C, no condensation
		IP Rating	Front panel IP65

Mechanical

Dimension (WxHxD)	469.7mm*291.8mm*57.4mm	Material	All metal fanless design
Weight	5.4kg/6kg(N.W./G.W.)	Mounting	VESA Installation: 75*75mm/100*100mm Embedded Installation: 455.7mm*280mm
Color	Black		

Dimensions:

