TY170-GSXXAH

17" Intel® Processor
Industrial Panel PC



Features:

- Intel® Processor Core™ 8-12th i3/i5/i7 & Ultra & Celeron J1900/J6412 & N97
- 17" Industrial display screen, multi point capacitive touch screen
- DDR4 or DDR5 (Depending on CPU)
- Optional dual band WiFi+BT/4G communication
- 4*USB + 4*RS232(optional RS485/RS422)
- 1*HDMI (Depending on CPU)
- 2*1Gbe LAN (Depending on CPU)
- Supports wide voltage power input (Depending on CPU)
- The lef interface diagram is for reference only and may vary depending on the CPU.

Specifications:

System Hardware

CPU	Intel® Processor Core™ 8-12th i3/i5/i7& Ultra& Celeron J1900/J6412& N97	Memory	DDR4 or DDR5 (Depending on CPU,please check order infomation below)
Watchdog	0-255 seconds/grading implemented through system software	Storage	M.2 SATA/NVME 128GB/ 256GB/ 512GB/ 1T/ 2T/ 4T

Display

LCD Type	17″	Luminance	250 cd/m²
Max. Resolution	1280*1024	Screen lifespan	50000h

Touch Screen

Touch Screen	17 "multi-point capacitive touch screen	hardness	6H
light transmission	＞85%		

OS

OS	Win10,Win11,Linux

I/O Ports

USB	4*USB (Optional more USBs based on different CPU, please check order infomation below)	Audio	2 in 1 Audio
		Video	1*HDMI
		Expansion Slot	Optional dual band WiFi+BT or 4G/5G
Serial port	4*RS232(Optional 1-4*RS485/422)	GPIO	Optional
		LAN	2*100/1000M

Power

Power Input	Standard Phoenix terminal 2pin input, supports wide voltage (Depending on CPU)

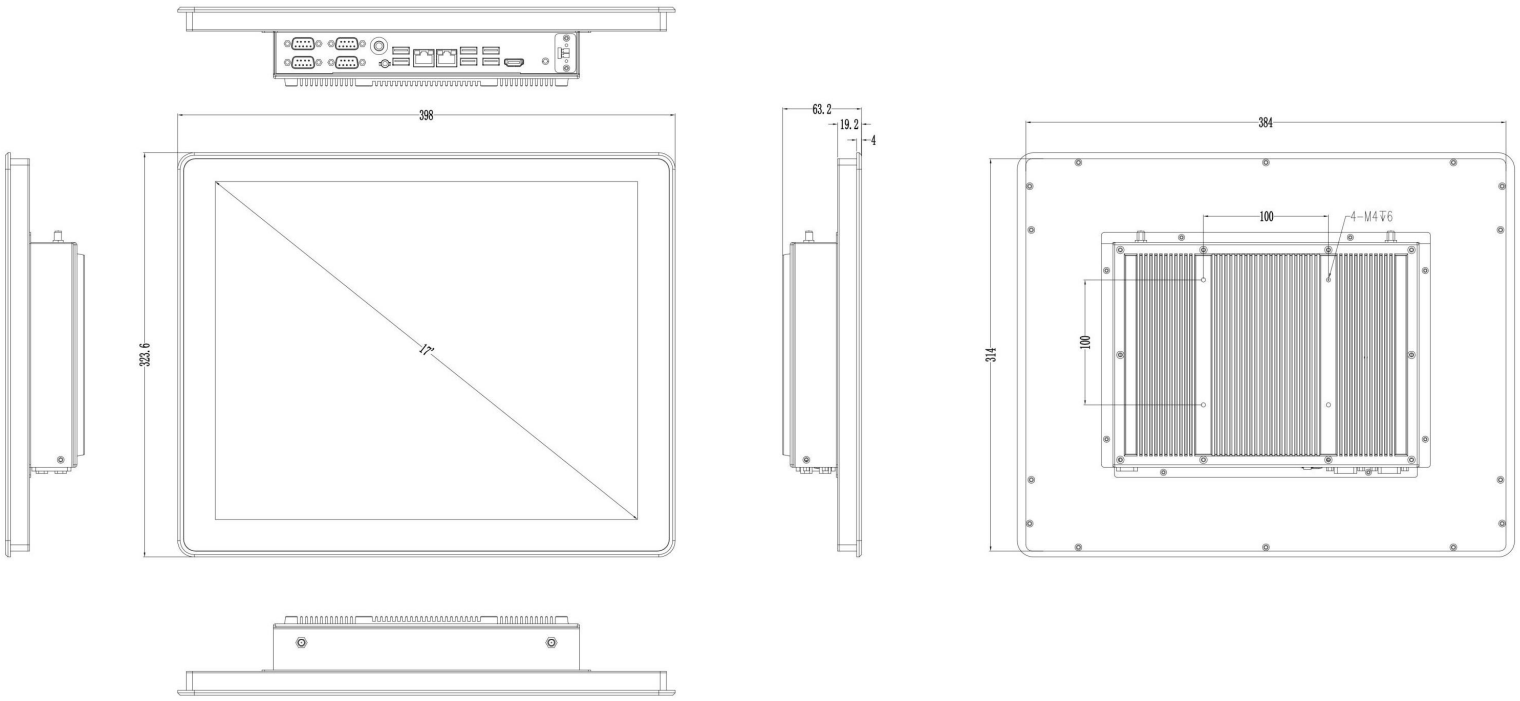
Environment

Vibration Protection	5-19Hz/1.0mm amplitude; 19-200Hz/1.0g acceleration	Operating Temp.	-10℃～60℃, Surface air flow
		Storage Temp.	-20℃～70℃
Shock Protection	10g acceleration, 11ms cycle	Humidity	95% @ 40℃, no condensation
Reliability	MTBF ≥ 30000h; MTTR ≤ 0.5h	IP Rating	Front panel IP65

Mechanical

Dimension (WxHxD)	378mm*324mm*61mm	Material	All metal fanless design
Weight	5.3kg/6.2kg(N.W./G.W.)	Mounting	VESA Installation: 100*100mm
Color	Black		Embedded Installation: 384mm*314mm

Dimensions:



Ordering Information:

Model	CPU	RAM	Storage SSD	Ethernet	USB	Input Voltage	Display Port	Notes
TY170-GS83AH	i3-8145U	1*DDR4 Max 32GB	Only MSATA	2*Intel I210AT	4*USB3.0 2*USB2.0	12V Optional 9-36V	1*HDMI Optional 1*VGA	The CPU/Ethernet type **may change** based on the market. Please consult the sales for the specific CPU before placing the order
TY170-GS85AH	i5-8265U							
TY170-GS113AH	i3-1115G4		M.2 SATA/NVME	1*Intel I211AT 1*I219LM	6*USB3.0	9~28V		
TY170-GS115AH	i5-1135G7							
TY170-GS117AH	i7-1165G7E							
TY170-GS123AH	i3-1215U	2*DDR5 MAX 64GB	M.2 SATA/NVME Default NVME	1*Intel I219LM 1*I226V	4*USB3.0		1*HDMI 1*DP	
TY170-GS125AH	i5-1235U							
TY170-GS127AH	i7-1255U							
TY170-GSU51HAH	Ultra 5 125H	1*DDR5 MAX 64GB	M.2 SATA/NVME Default NVME	1*Intel I210AT 1*I226LM	4*USB3.0			
TY170-GSU71HAH	Ultra 7 155H							
TY170-GSU72HAH	Ultra 7 165H							
TY170-GS51AH	J1900	1*DDR3L MAX 8GB	Only MSATA	2*Intel I210AT	1*USB3.0 3*USB2.0	12V Optional 9-36V	1*HDMI Optional 1*VGA	
TY170-GS53AH	J6412	1*DDR4 MAX 32GB	Only M.2 SATA	1*Intel I225-V 1*I210/I210AT	4*USB3.0	9~28V	1*HDMI 1*DP	
TY170-GSN97AH	N97	MAX 64GB	M.2 SATA/NVME	1*Intel I210AT 1*I226V		12V/24V Optional 9-36V		