

TY270-GSXXY

27" Intel® Core™ 3-14th i3/i5/i7 & N97/N100

Processor

Industrial Panel PC



Features:

- 27" Intel® Processor Core™ 3-14th Gen i3/i5/i7 & N-series N97/N100
 - Industrial display screen, multi point capacitive touch screen
 - 2*SO-DIMM DDR4
 - 2*USB 3.0+2*USB 2.0
 - 1*RS232
- Optional additional 3*RS232/485/422 on TOP(Max 2*RS485 or 1*RS485+1*RS422)
- 1*HD/1*VGA/2*RJ45/2*Audio
 - Fanless design

Specifications:

System Hardware

CPU	Intel® Processor Core™ 3-14th Gen i3/i5/i7 & N-series N97/N100	Memory	2*SO-DIMM DDR4
Watchdog	0-255 seconds/grading implemented through system software	Storage	MSATA/ M.2 2280 SATA/NVME SSD (optional 128/256/512GB/1T/2T/4T)

Display

LCD Type	27"	Luminance	300 cd/m ²
Max. Resolution	1920*1080	Contrast Ratio	1000: 1
Touchscreen Type	27" Multi point capacitive touch screen		

OS

OS	Windows 10/11、 Ubuntu
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I/O Ports

USB	2*USB3.0, 2*USB2.0 (Optional more USBs)	Audio	1*Line out, 1*MIC in
Serial port	1*RS232	Video	1*HDMI, 1*VGA
	Optional additional 3*RS232/485/422 on TOP (Max 2*RS485 or 1*RS485+1*RS422)	Expansion Slot	Optional dual band WIFI/BT, Optional 4G/5G communication
LAN	2*1Gbe RJ45	SIM Card	Optional with 4G/5G
GPIO	Customizable		

Power

Power Input Standard Phoenix terminal(**Optional** Auto power on & 9-36V wide voltage input)

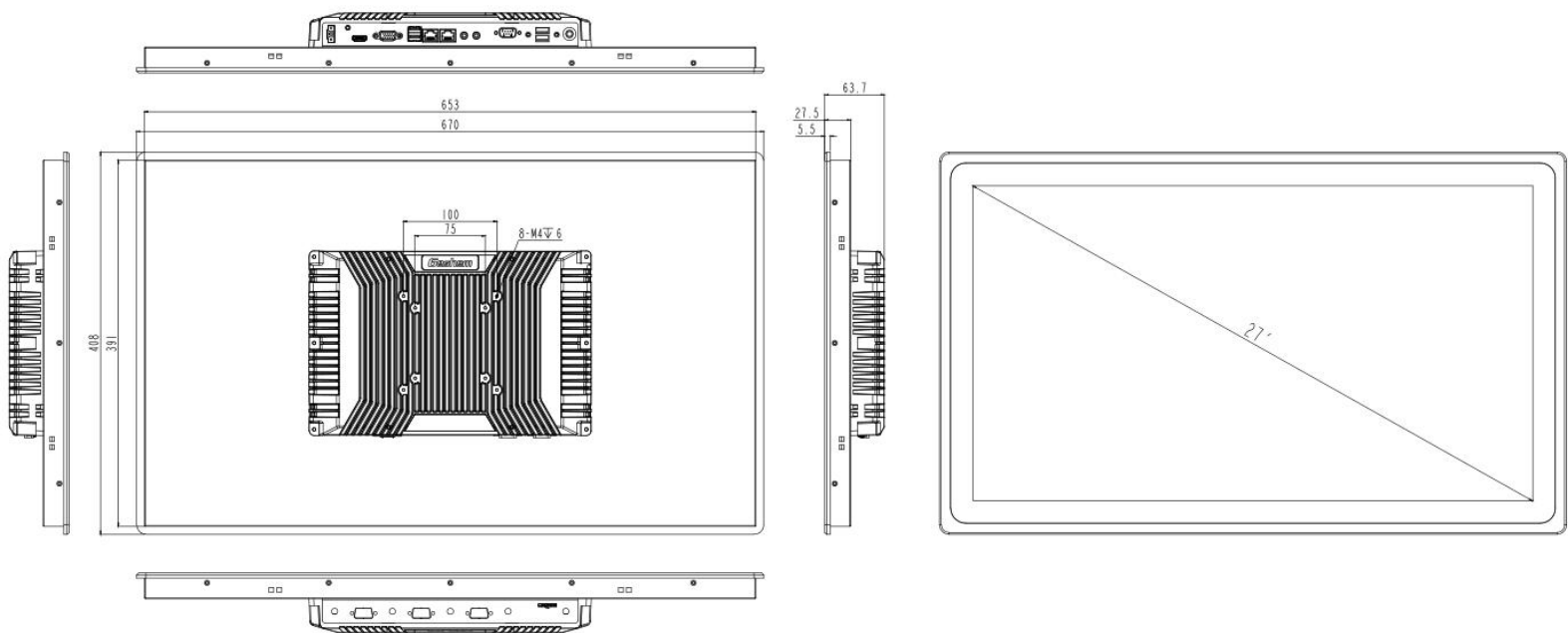
Environment

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

Mechanical

Dimension (WxHxD)	653mm*408mm*63.7mm	Material	All metal fanless design
Weight	10kg/10.5kg(N.W./G.W.)	Mounting	VESA Installation: 75*75mm/100*100mm
Color	Black		Embedded Installation: 670mm*391mm

Dimensions:



Ordering Information:

Model	CPU	RAM	Storage SSD	Ethernet	Notes
TY270-GS51Y	J1900	1*DDR3L Max 8GB	1*MSATA	2*RTL8111H	
TY270-GS53Y	J6412	1*DDR4 MAX 16GB	Only MSATA /M.2 NVME		
TY270-GSN97Y	N97				
TY270-GSN100Y	N100				
TY270-GS35Y	I5-3210M	1*DDR3L Max 8GB	1*MSATA	2*RTL8111H	The CPU may change based on the market. Please consult the sales for the specific CPU before placing the order
TY270-GS45Y	I5-4300U	1*DDR3L Max 8GB			
TY270-GS65Y	i5-6300U	2*DDR4 Max 32GB			
TY270-GS65Y2	i5-6300U	2*DDR3L MAX 16GB			
TY270-GS67Y	i7-6500U	2*DDR4 Max 32GB	1*mSATA 1*M.2 2280 Supports NVMe/SATA adaptive	2*Intel I210AT	
TY270-GS75Y	i5-7300U			2*RTL8111H	
TY270-GS77Y	i7-7600U				
TY270-GS85Y	i5-8265U	2*DDR4 Max 64GB			
TY270-GS87Y	i7-8565U				
TY270-GS103Y	i3-10110U				
TY270-GS105Y	i5-10310U				
TY270-GS107Y	i7-10710U				
TY270-GS115Y	i5-1135G7	1* M.2 2280 Supports NVMe/SATA adaptive	2*Intel I210		
TY270-GS117Y	i7-1195G7	1* M.2 2280 Only supports NVMe	2*Intel I226V		
TY270-GS123Y	i3-1215U		Only 1*Intel I226V		
TY270-GS125Y	i5-1235U		2*Intel I226V		
TY270-GS127Y	i7-1255U		2*RTL8111H		
TY270-GS125HY	Ultra 125H				