

# P1971Y-P4

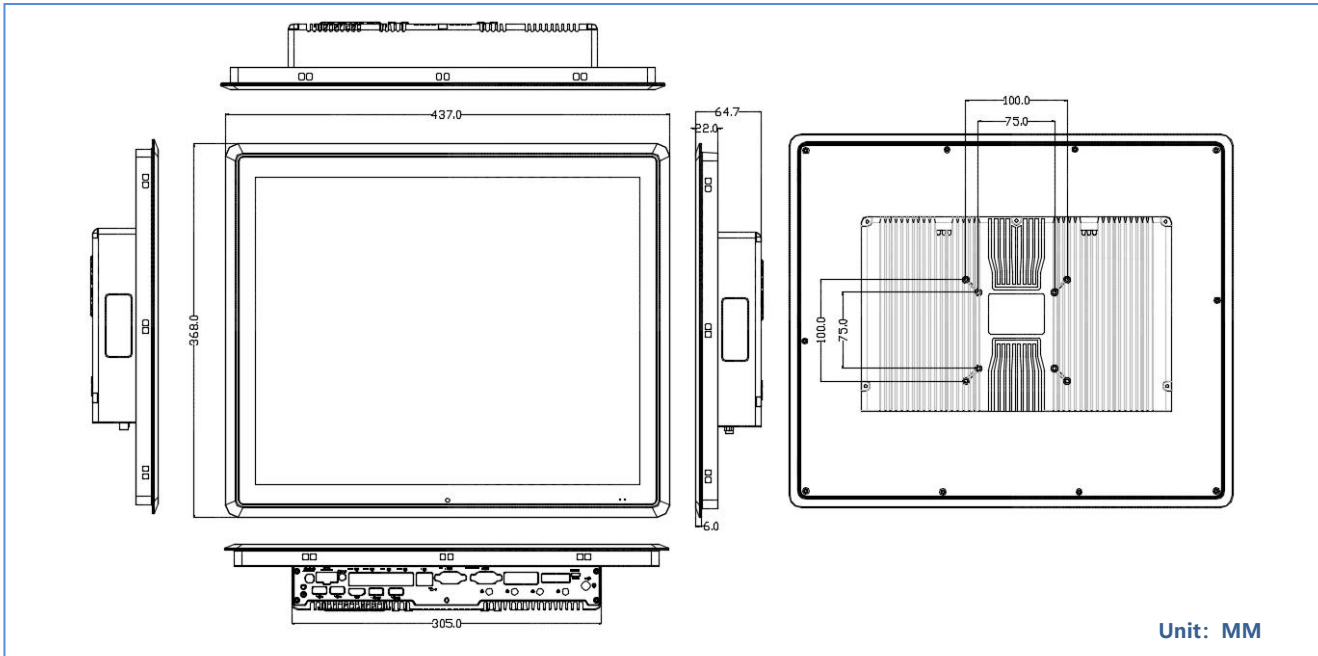


## Features

- 19"LCD, 1280\*1024, capacitive touch screen
- 1\*HDMI
- 5\*Intel I210AT Gigabit LAN port (4\*POE)
- 4\*RS232 (2\*RS485, 1\*RS422), COM1~2 DB9, COM3~4 on Phoenix connector
- 4-in 4-out GPIO, 2\*USB3.0, 2\*USB2.0
- 9~36V
- Aluminum case, fanless design

Model No.	P1971Y-P4 V1.0	
Chassis	Material/Structure	Aluminum case, fanless design
	Color	Silver
	Dimension	L437*W368*H65mm
	Net Weight	6.1KG
	Installation	VESA mount / embedded
LCD Screen	Type	19" LCD, 4:3
	Resolution	1280 * 1024
	Luminance	250 cd/m <sup>2</sup>
Touch Screen	Type	Capacitive, 10 point touch (can change to resistive touch screen)
	Light Transmission	>86%
IO Port	POWER	1*Power button, 1*One-key recovery, 1*AC LOSS (auto power ON/OFF) 1*CMOS button
	LED	1*Power LED, 1*HDD LED
	Display	1*HDMI 1.4
	LAN	5*Intel I210AT Gigabit LAN port, 4*POE/15W
	USB	2*USB3.0, 2*USB2.0
	COM	4*RS232, COM1~2 DB9 RS232, COM2 RS485/422, COM3~4 RS232 on 2*12pin Phoenix connector, COM3 support RS485, COM1-2 support pin9 charging function
	Phoenix Connector	2*12Pin (4-in 4-out GPIO, power signal, COM3~COM4, 5V VCC and GND)
	DIP Switch	10-digit dip switch for COM2~3 RS232/485 selection, COM2 RS422 selection via COM2_SW1 jumper
	Audio	1*AUDIO, Line out/MIC 2-in-1
	Power	1*DC (5.5*2.5) aviation port, 1*2P P=5.08mm connector, support 9V~36V power input
Storage	SATA	1*2.5" SATA port
	MSATA	1*MSATA
	M.2	1*M.2 SSD port, support Key-M, 2280, NVME PCIe4 SSD
Expansion	M.2	1*M.2/WiFi, support Key-E, 2230, WiFi module
		1*M.2/5G, support Key-B, 2242/52, 5G module
Power Supply	Power Type	External power supply
	Voltage Input	9V~36V
	Rate Consumption	AC TO DC 60W (depend on CPU and external device)
Environment	Operating Temp.	-10°C ~ 50°C
	Storage Temp.	-20°C ~ 70°C
	Relative Humidity	5%-95% relative humidity, non-condensing
	Vibration	0.5g rms/5-500HZ/random/operating

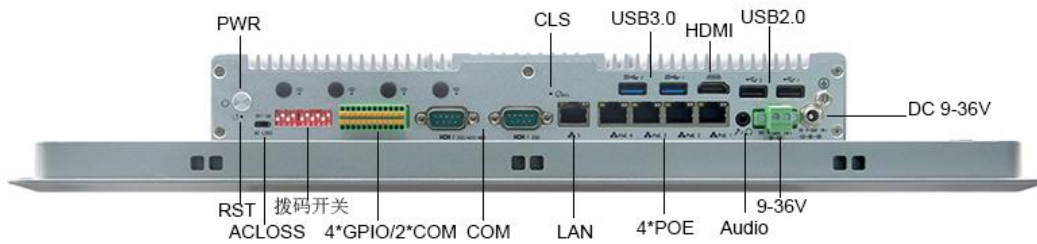
## Dimension



**Front View**



**Back View**



**Bottom I/O View**



## Order Information

No.	Model	CPU	Memory	Motherboard	IO Board	GPIO	LAN	COM	HDMI	USB 2.0	USB 3.0	power
1	P1971Y-P4 V1.0(J6412)	J6412/2.0G	2*SODDR4	P642	P1082-P4/P177-IO/P1071-LED	4-in 4-out	5	4	1	2	2	9~36V
2	P1971Y-P4 V1.0(7300U)	I5-7300U/2.6G	2*SODDR4	P68	P1082-P4/P177-IO/P1071-LED	4-in 4-out	5	4	1	2	2	9~36V
3	P1971Y-P4 V1.0(8260U)	I5-8260U/1.6G	2*SODDR4	P82	P1082-P4/P177-IO/P1071-LED	4-in 4-out	5	4	1	2	2	9~36V
4	P1971Y-P4 V1.0(10210U)	I5-10210U/1.6G	2*SODDR4	P102	P1082-P4/P177-IO/P1071-LED	4-in 4-out	5	4	1	2	2	9~36V



Industrial Panel PC