

P2181Y-R6

21.5 Resistive Touch Panel PC

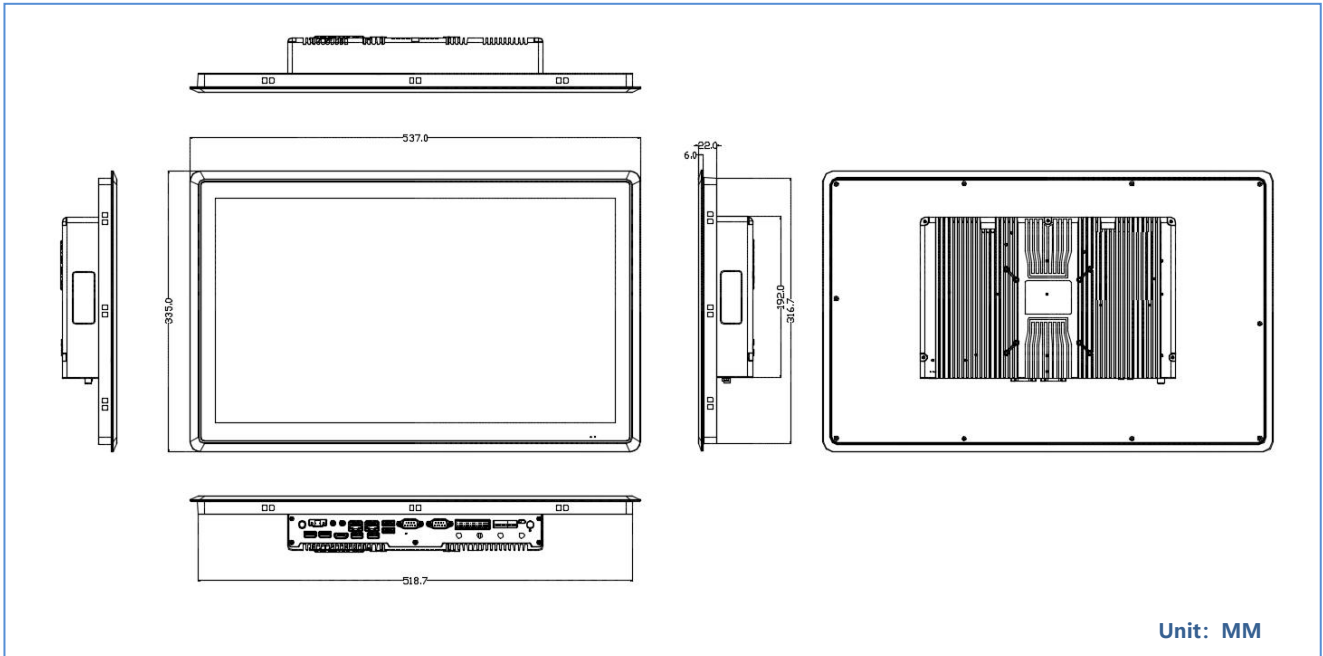


Features

- 21.5" LCD, 1920*1080, resistive touch screen
- Intel® i5-1135G7/2.40GHz quad core 8-thread CPU
- 2*SODIMM DDR4-3200, up to 64GB
- 1*HDMI
- 2*Intel I210 Gigabit Ethernet
- 6*RS232(5*RS485/1*RS422), COM1 DB9 RS232, COM2 DB9 RS232/RS485/422, COM3-6 RS232/RS485 on 2*15Pin Phoenix Connector
- 4-in 4-out GPIO, 4*USB3.0, 2*USB2.0
- 9~36V voltage input
- Aluminum case, fanless design

Model No.	P2181Y-R6 V1.0(1135G7)	
Chassis	Material/Structure	Aluminum case, fanless design
	Ingress protection	IP65 (Front panel)
	Dimension	L537*W335*H65mm
	Net Weight	7.5KG
	Installation	VESA mount / embedded
LCD Screen	Type	21.5" LCD, wide screen
	Resolution	1920 * 1080
	Luminance	300 cd/m ²
Touch Screen	Type	Resistive
	Light Transmission	>82%
Mainboard	CPU	Onboard Intel® i5-1135G7/2.40GHz quad core 8-thread processor, TDP 28W
	Graphics	Integrated Intel® Iris® Xe Graphics
	Memory	2*DDR4 SODIMM RAM slot, 3200MHz, up to 64GB
IO Port	POWER	1*Power button, 1* One-key recovery, 1*AC LOSS (auto power ON/OFF)
	LED	1*Power LED, 1* HDD LED
	Display	1*HDMI
	LAN	2*Intel I210 Gigabit Ethernet, support Wake On LAN、 PXE
	USB	4*USB3.0, 2*USB2.0
	COM	6*RS232, COM1 DB9 RS232, COM2 DB9 RS232/485/422, COM3-6 RS232/485 on 2*10pin Phoenix connector, COM1-2 support pin9 charged function
	Phoenix Connector	2*15Pin (4-in 4-out GPIO, power signal, COM3~6 (RS232/485), 5V VCC and GND)
	DIP switch	10-digit dip switch for COM2~6 RS232/485/422 selection
	Audio	1*Line out, 1*MIC
	Power	1*DC aviation port, 1*2Pin Phoenix connector, support DC9~36V voltage input
Storage	SATA	1*2.5" SATA port
	M.2	1*M.2 SSD port, support Key-M, 2280, NVME PCIe4 SSD
	MSATA	1*MSATA SSD port
Expansion	M.2	1*M.2/WiFi, Key-E, 2230, support WiFi module
		1*M.2/5G, Key-B, 2242/52, support 5G module
OS Support	Windows	Windows 10
	Linux	Ubuntu
	Watch Dog	Support hardware reset function (L256, 0~255 seconds)
Power Supply	Power Type	External power supply
	Voltage Input	9V~36V
	Rate Consumption	60W~180W
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

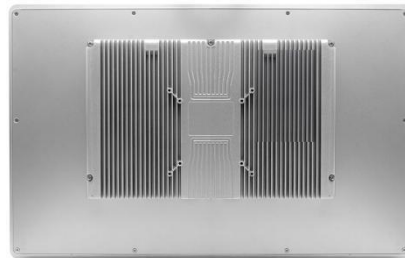
P2181Y-C6 Dimension



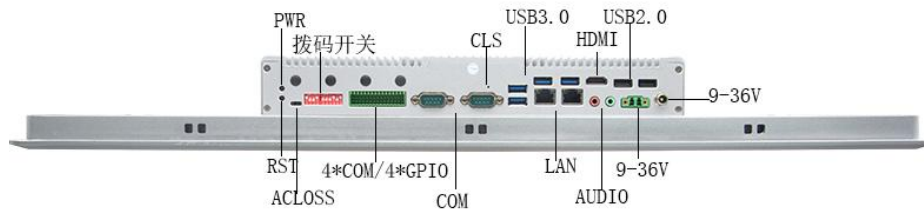
Unit: MM



Front View



Back View



Bottom I/O View

Order Information

No.	Model	CPU	Memory	Motherboard	IO Board	GPIO	LAN	COM	HDMI	USB2.0	USB3.0	Power
1	P2181Y-R6 V1.0(J6412)	J6412/2.00G	2*SODDDR4	P641	P1081-C6/P1071-LED	4-in 4-out	2	6	1	2	4	9~36V
2	P2181Y-R6 V1.0(8260U)	I5-8260U/1.6G	2*SODDDR4	P81	P1081-C6/P1071-LED	4-in 4-out	2	6	1	2	4	9~36V
3	P2181Y-R6 V1.0(7300U)	I5-7300U/2.6G	2*SODDDR4	P67	P1081-C6/P1071-LED	4-in 4-out	2	6	1	2	4	9~36V
3	P2181Y-R6 V1.0(1135G7)	I5-1135G7/2.4G	2*SODDDR4	P110	P1081-C6/P1071-LED	4-in 4-out	2	6	1	2	4	9~36V