

P1581Y-C6



Features

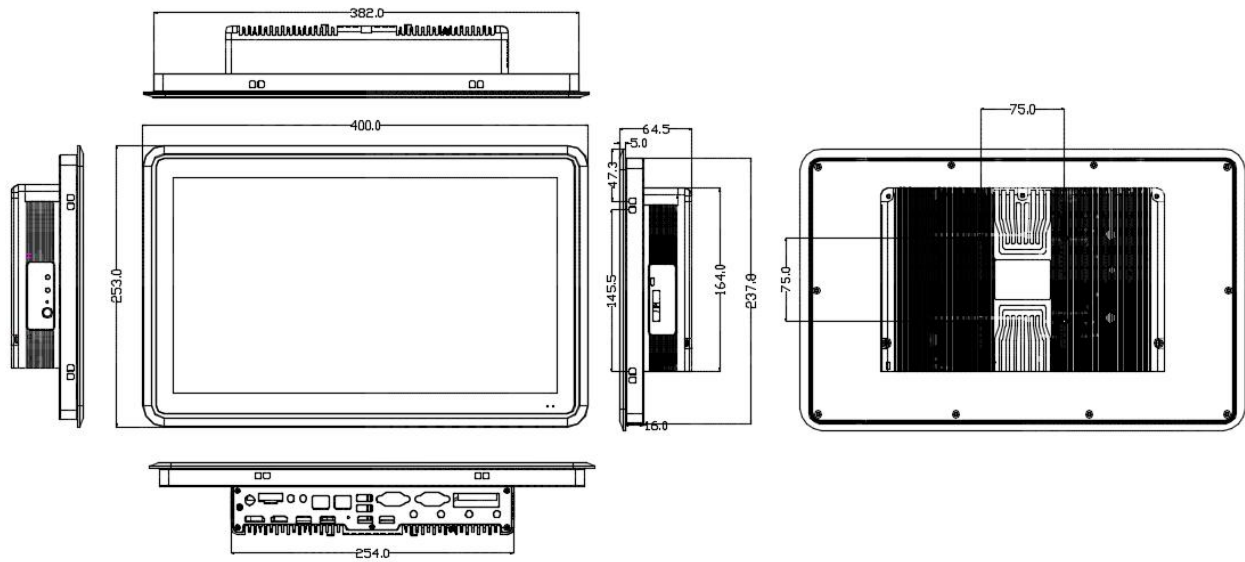
- 15.6" wide screen LCD, 1920*1080, capacitive touch
- Onboard Intel®Core i5-1235U/3.30GHz 10 cores CPU
- 2*SODIMM DDR4 RAM slot, 3200MHz, up to 64GB
- 1*HDMI2.0, 1*DP
- 2*Intel I210 Gigabit Ethernet
- 6*RS232 (2*RS485, 1*RS422)
- 4 DI, 4 DO
- 6*USB3.0
- 9~36V power input
- Aluminum case, fanless design

Model No.	P1581Y-C6 V2.0(1235U)	
Chassis	Material/Structure	Aluminum case, fanless design
	Color	Silver
	Dimension	L400*W253*62Hmm
	Net Weight	3.2KG
	Installation	Embedded / VESA mount (75*75)
LCD Screen	Type	15.6" full HD wide screen
	Resolution	1920 * 1080
	Viewing angel	89/89/89/89
	Luminance	250cd/m ²
Touch Screen	Type	Capacitive, 10 point touch
	Light Transmission	>85%
Motherboard	CPU	Intel®Core i5-1235U/3.30GHz 10 cores 12-thread processor, TDP 15W
	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) 1*CMOS button
	Display	1*HDMI2.0(4096*2160@60Hz), 1*DP1.4(4096*2160@60Hz)
	LAN	2*Intel I210 Gigabit Ethernet, support Wake On LAN、PXE
	USB	6*USB3.0 (USB3.0 quantity based on CPU)
	Audio	1*Line out, 1*MIC
	COM	6*RS232 (COM1 ~2 DB9 RS232, COM2 RS485/RS422 selectable, COM3-6 RS232 on 2*15pin Phoenix connector, COM3 RS485 selectable)
	DI/DO	4*DI, 4*DO (PNP, on 2*15P Phoenix connector)
	Power	1*DC aviation port / 1*2Pin (P=5.08mm) Phoenix connector, support DC9~36V power input
Storage	SATA	1*2.5" SATA hard disk
	MSATA	1*MSATA (on expansion I/O board)
	M.2	1*M.2 SSD port, support Key-M, 2280, NVME PCIe x2 / SATA SSD (on CPU board)
Expansion	WiFi	1*M.2, Key-E, 2230, support WiFi module
	5G	1*M.2, Key-B, 3042/3052, support 5G module
OS Support	Microsoft	Windows 10
	Linux	Ubuntu
Power Supply	Power Type	DC 9~36V
Environment	Operating Temp.	0°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

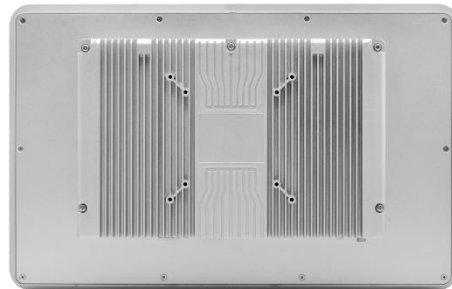
Industrial Panel PC

All product specifications are subject to change without prior notice

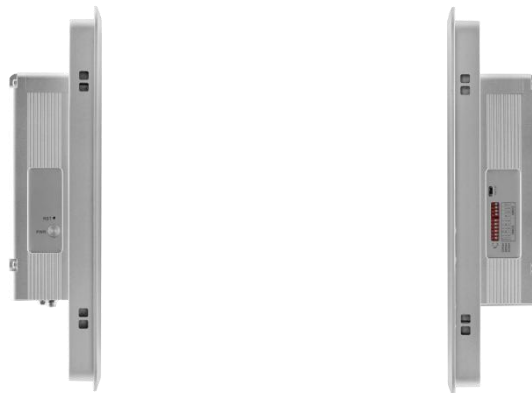
Dimension



Front View



Rear View



Lateral I/O View

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Bottom I/O View

Order Information

No.	Model	CPU	Memory	CPU board	IO Board	DI/DO	LAN	COM	HDMI	USB 2.0	USB 3.0	Power
1	P1581Y-C6 V2.0(J6412)	J6412/2.00G	2*SODDDR4	Q642HD1	P1082-C6/P1081-LED	4-in 4-out	2	6	1	2	4	9~36V
2	P1581Y-C6 V2.0(N97)	N97/Turbo 3.6G	1*SODDDR4	Q305HD1	P1082-C6/P1081-LED	4-in 4-out	2	6	1	2	4	9~36V
3	P1581Y-C6 V2.0(N305)	I3-N305/Tubor 3.8.0G	1*SODDDR4	Q305HD1	P1082-C6/P1081-LED	4-in 4-out	2	6	1	2	4	9~36V
4	P1581Y-C6 V2.0(8260U)	I5-8260U/1.6G	2*SODDDR4	Q82HD1	P1082-C6/P1081-LED	4-in 4-out	2	6	1	/	6	9~36V
5	P1581Y-C6 V2.0(1135G7)	I5-1135G7/2.4G	2*SODDDR4	Q112HD1	P1082-C6/P1081-LED	4-in 4-out	2	6	1	/	6	9~36V
6	P1581Y-C6 V2.0(1235U)	I5-1235U/1.3G	2*SODDDR4	Q122HD1	P1082-C6/P1081-LED	4-in 4-out	2	6	1	/	6	9~36V

NOTE: Note: COM2 RS232/RS485/RS422 selectable, RS422 selectable via COM1_SW1 jumper on I/O board
USB3.0 and USB2.0 quantity based on CPU

Accessory List

No.	Part No.	Description	Qty	Unit	Remark
1	03.02.N12-KAKOU-12	Embedded bracket, buckle, L16.7*W16.2*H14.4mm	8	pcs	Standard Configuration
2	03.03.J01-0H015-00	Power cable_L=1.5m	1	pcs	Optional
3	03.01.DC0-L090F-90	DC12V/7.5A/90W/DC2.5/5.5 power adapter	1	pcs	Optional
4	03.02.GF9-VESAE-01	VESA bracket/75mm-100mm/with screw/black	1	Set	Optional
5	03.04.G13-49515-10	Inner packing box/495*158*395mm	1	Set	Standard Configuration
6	03.04.G14-81542-00	Outer carton box/5pcs in one carton/825*515*420mm	1	Set	Standard Configuration

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