

PPC-P080-H

**8 inch TFT Touch Screen Embedded Industrial Panel PC powered by Intel Celeron J1900/
Core i5 4200U, 6 x COM, 2 x LAN, 4 x USB**



Product description:

PPC-P080-H is a touch-screen tablet solution designed for HMI applications, using an Intel ®J1900 processor/Intel I5-4200U/processor, 2GB DDR3/4GB DDR3 memory, 800x600 resolution (optional 1024x768) LCD and a high temperature full-surface capacitive touch screen. The whole machine adopts 9-36V DC power supply, which can effectively control the internal heat of the computer. Provide more diversified data storage devices, while supporting MSATA/SSD and SATA2.5" notebook hard disk; Integrated with rich I/O interface, 6 x RS232 or 4 x rs232/2 x485, 2 x 10 ~ 1000M Ethernet ports, 2 x USB 2.0 and 2 x USB 3.0 ports.

PPC-P080-H supports panel embedded installation and wall-mounted installation, which can be completed only by tightening 4 mounting clips. It is very convenient for installation and maintenance. The front panel complies with NEMA/IP65 waterproof and dustproof standard, which can effectively control the water droplets and steam splashing into the main engine and affect the normal operation of the equipment; The equipment adopts a fanless design, limited control of dust into the equipment, to ensure a more stable operation of the equipment, through the external surface of the heat sink to the system internal heat quickly distributed, so that it can adapt to more severe site environment; Most suitable for factory automation, machinery manufacturing, CNC equipment, textile equipment, intelligent power, food traceability and other upper computer monitoring and control.

PPC-P080-H is compatible with Windows7, Windows10, Linux and other mainstream operating systems and embedded operating systems. It can run the application software and programs based on the above operating systems independently developed by customers. The installation of industrial automation configuration software can form a powerful man-machine interface.

Feature:

Adopt the latest technology die stamping case, the shell is strong and beautiful appearance

8 "true color LCD display, resolution 800x600 (1024x768 optional), backlight service life up to 50000 hours

Touch screen adopts full plane capacitive touch screen, up to 35 million clicks

Support built-in 4G/WIFI and Bluetooth devices (optional)

The large aluminum fin active heat dissipation design ensures that the tablet can work continuously in harsh industrial conditions

Specification:

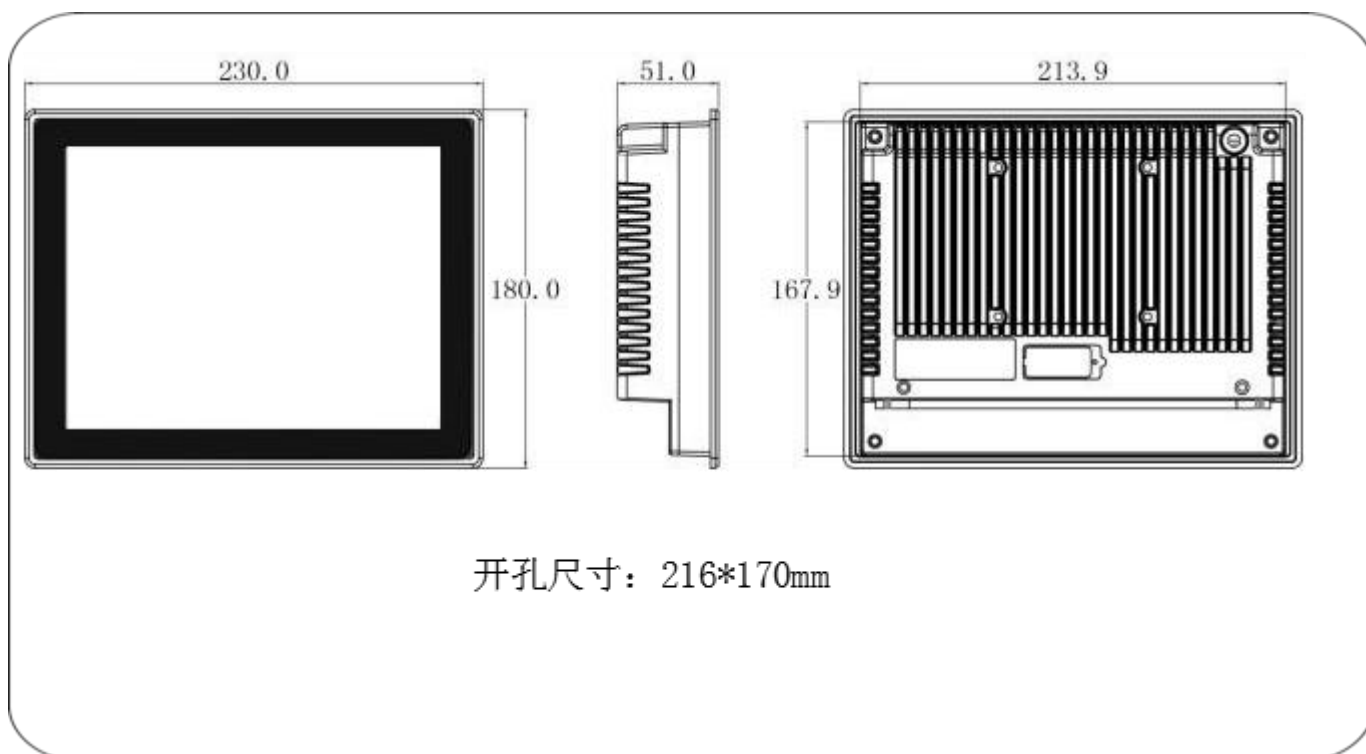
PPC-P080-H

System parameters	CPU	J1900/I5-4200U
	RAM	2GB DDR3/4GB DDR3 onboard
	Disk	MINIMSATA
I/O interface	Network port	2 x Intel Gigabit Ethernet
	Audio	RTLALC662 audio controller, LINE-out port
	USB	2 x USB2.0, 2 x USB3.0
	Serial port	6 x RS232(2 can be set to RS485/RS422)
LCD screen	Display	8" TFT LED
	Resolution	800x600 (1024x768 optional)
	Brightness	350cd/m ²
	Contrast	800:1
	Maximum color	16M
Touch screen	Types of	Capacitive
	Click life	250 grams of strength, 50 million times
	Response time	<5ms
	Transmittance	above 90%
	High temperature test	85°C/1000hrs
	Constant temperature and humidity test	85°C/90%RH/1000hrs
Mechanism parameters	Panel cabinet	The case adopts cast aluminum mold
	Installation method	Embedded in panel, VESA mountable with bracket
	Power input	9~36V DC power supply
	Overall dimensions	230x180x51mm
	Box size	213x167x47mm
	Hole Size	216x170mm
	Power	20W
	Weight	2KG
Environmental parameters	Operating temperature	-20~60°C (Electronic disk)
	Storage temperature	-30~80°C
	Front panel protection	IP65 standard

Ordering Information:

Product number	Configuration
PPC-P080-H/J1900	J1900/4G/2 x RJ-45/4 x USB/4 x RS232+1 x RS485+1 x (RS232/422/485)/optional 9-36V
PPC-P080-H/I5-4200U	I5-4200U/4G/2 x RJ-45/4 x USB/4 x RS232+1 x RS485+1 x (RS232/422/485)/optional 9-36V

Dimensions:



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