

PPC-P121-H

12.1 inch TFT Touch Screen Embedded Industrial Panel PC powered by Intel Celeron J1900/
Core i5 4200U/i5 7200U/i7 7500U, 6 x COM, 2 x LAN, 4 x USB



J1900/i5-4200U

宽压: 9-36V

板载: 4G内存

GPIO:14路可选

5*232 (2*485/422可选)



i5-7200U/i7-7500U

宽压: 9-36V

板载: 4G内存

GPIO:14路

6*232 (2*485/422可选)

Product description:

PPC-P121-H is a touch-controlled tablet computer solution designed for human computer interface applications. It uses Intel ®J1900 processor/Intel I5-4200U/I5-7200U/I7-7500U processor, onboard 2GB DDR3/4GB DDR3 memory, LCD with resolution of 1024x768 and 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. It provide

more diversified data storage devices, while supporting MSATA/SSD and SATA2.5" notebook hard disk;

It integrates rich I/O interface 6 x RS232 or 4 x rs232/2 x 485,2 x 10 ~1000M Ethernet ports,2 x USB2.0 and 2 x USB3.0 ports.

PPC-P121-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-P121-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 machine case, the outer shell is firm and beautiful appearance

12.1" true color LCD, resolution 1024x768 optional, backlight service life up to 50,000 hours

The touch screen USES a full-plane capacitive touch screen.It gets 50 million hits

9 ~ 36V wide voltage DC power input, to meet the field power supply

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

The large aluminum fin active cooling design ensures that the tablet can work uninterrupted in harsh industrial conditions.

Specification:

PPC-P121-H

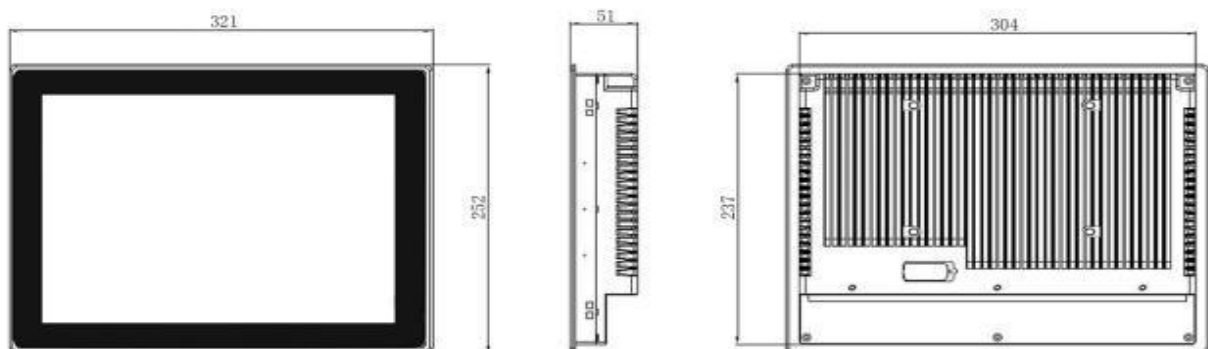
System parameters	CPU	J1900/I5-4200U/I5-7200U/I7-7500U
	RAM	2GB DDR3/4GB DDR3 onboard
	Disk	MINIMSATA
I/O interface	Network port	2 x Intel Gigabit Ethernet
	Audio	RTLALC662 audio controller, LINE-out port
	USB	2 x USB2.0, 2 x USB3.0
	Serial port	6 x RS232(2 can be set to RS485/RS422)
LCD screen	Display	12.1" TFT LED
	Resolution	1280x800
	Brightness	350cd/m2
	Contrast	800:1
	Maximum color	16M
	Types of	Capacitive

Touch screen	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	321x252x51mm
	Box size	304x237x47mm
	Hole Size	306x239mm
	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-P121-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-P121-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
PPC-P121-H/I5-7200U	I5-7200U/4G/2 x RJ-45/4 x USB/4 x RS232+2 x (RS232/422/485)//optional 9-36V
PPC-P121-H/I7-7500U	I7-7500U/4G/2 x RJ-45/4 x USB/4 x RS232+2 x (RS232/422/485)/optional 9-36V

Dimensions:



开孔尺寸: 306x239mm



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