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PPC-P170-HV

17 inch TFT Touch Screen Embedded Industrial Panel PC powered by Intel Celeron J1800/J1900/ Core i5 4200U/i5 7200U/i7 7500U, 6 x COM, 2 x LAN, 4 x USB

J1800/J1900

（经济型）

J1900/i5-4200U

宽压: 9-36V

板载: 4G内存

GPIO:14路可选

5*RS232（2*RS485/1*RS422可选）

i5-7200U/i7-7500U

宽压: 9-36V

板载: 4G内存

GPIO:14路

6*RS232（2*RS485/RS422可选）

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Product description:

PPC-P170-HV is a touch-controlled tablet computer solution designed for human interface applications. It uses Intel ®J1800 processor /J1900 processor/Intel I5 4200U/I5 7200U/I7 7500U processor, onboard 4GB DDR3 memory (upgradable 12G memory), LCD screen with resolution of 1280x1024 and full-plane 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;Integrated with rich I/O interface, 6 x rs232 or 4 x rs232/2 x 485,2 x 10 ~ 1000M Ethernet ports and 4 x USB3.0 ports.

PPC-P170-HV supports panel embedded installation and wall-mounted installation. It only needs 4 mounting clips to be tightened, which 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-P170-HV 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:

17" true color LCD, resolution 1280X1024, backlight service life up to 50,000 hours

The front panel achieves IP65 protection to prevent dust and sputtering water droplets from entering the display

Ultra-thin design, save cabinet space, shock and shock resistance

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

High precision capacitive touch screen, with many industrial field application characteristics

Both panel embedded and standard VESA installation are supported. Users can choose the installation method flexibly

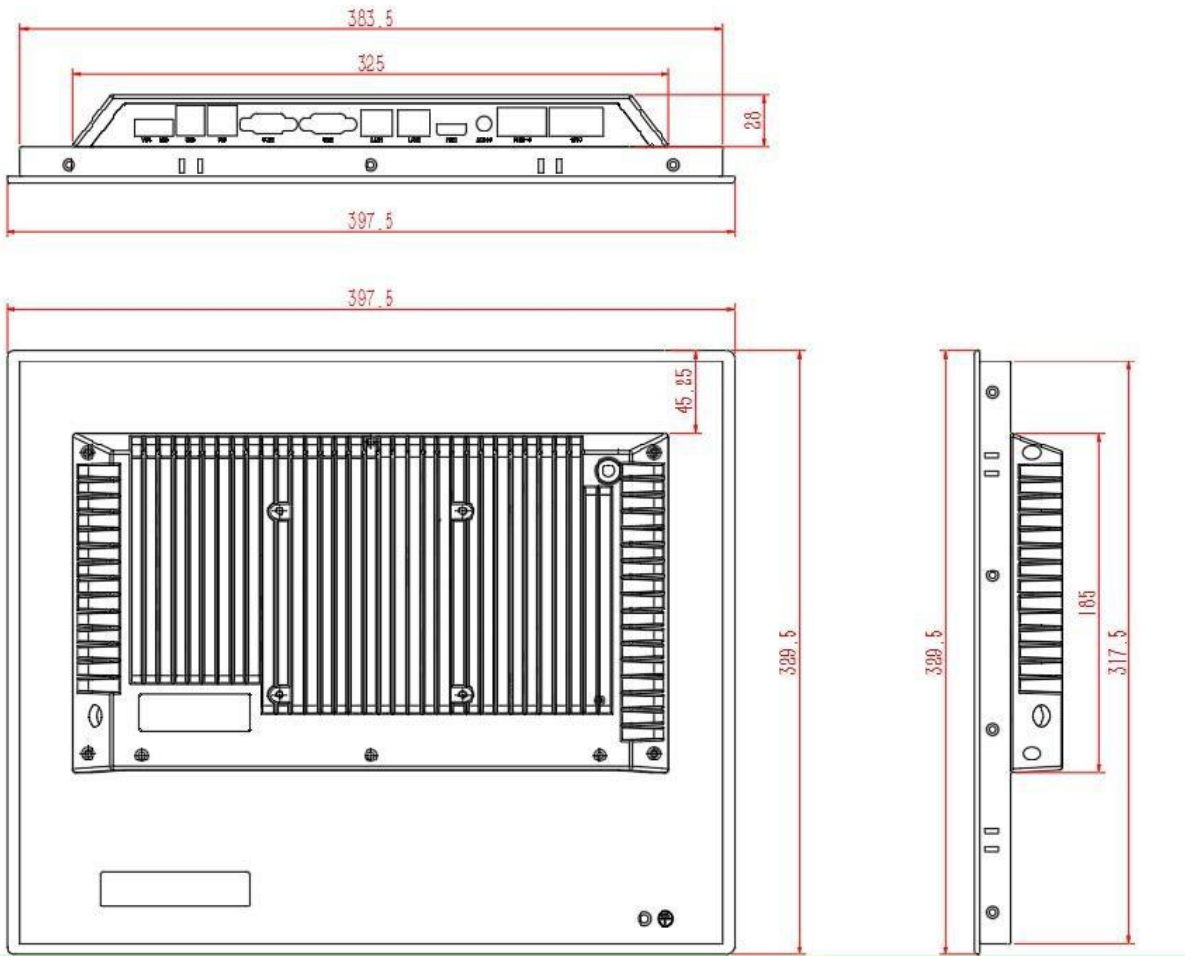# Specification: PPC-P170-HV

System parameters	CPU	J1800/J1900/I5-4200U/I5-7200U/I7-7500U processor
	RAM	4GB DDR3 on board (extensible)
	Disk	MINIMSATA
I/O interface	Network port	2 x Intel Gigabit Ethernet
	Audio	RTLALC662 audio controller, LINE-out port
	USB	4 x USB3.0
	Serial port	6 x RS232(2 can be set to RS485/RS422)
	GPIO	14 channels (custom)
	Display	17"TFT LED

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LCD screen	Resolution	1280X1024
	Brightness	350cd/m2
	Contrast	800:1
	Maximum color	16M
Touch screen	Types of	High precision capacitive
	Click life	250 grams of strength, 50 million times
	Response time	<5ms
	Transmittance	above 91%
	High temperature test	85℃/1000hrs
	Constant temperature and humidity test	85℃/90%RH/1000hrs
Mechanism parameters	Panel cabinet	Sheet metal shell, mold back cover
	Installation method	Embedded in panel, VESA mountable with bracket
	power input	9～36V DC power supply
	Overall dimensions	397.5mmx329.5x48mm
	Power	30W
	Weight	4KG
Environmental parameters	Operating temperature	-20～60℃（Electronic disk）
	Storage temperature	-30～80℃
	Front panel protection	IP65 standard

Ordering Information:

Product number	Configuration
PPC-P170-HV/J1800 (Economy)	J1900/4G/1 x RJ-45/4 x USB/2 x RS232/12V
PPC-P170-HV/J1900(Economy)	J1800/4G/1 x RJ-45/4 x USB/2 x RS232/12V
PPC-P170-HV/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-P170-HV/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-P170-HV/I5-7200U	I5-7200U/4G/2 x RJ-45/4 x USB/4 x RS232+2 x (RS232/422/485)/ optional 9-36V
PPC-P170-HV/I7-7500U	I7-7500U/4G/2 x RJ-45/4 x USB/4 x RS232+2 x (RS232/422/485)/optional 9-36V

Dimensions:

Contact:

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