

PPC-P150-HV

15 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



Product description:

PPC-P150-HV is a touch panel computer solution designed for human-machine interface applications, Adopt Intel® J1800 processor/J1900 processor/Intel I5 4200U/I5 7200U/I7 7500U processor, 4GB DDR3 on-board memory, With a resolution of 1024x768 LCD screen and a full-plane capacitive touch screen. The whole machine adopts 9~36V DC power supply to effectively control the internal heat of the computer; provide more diversified

data storage devices and support MSATA / SSD and SATA2.5 "notebook hard drives; integrate a 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-P150-HV supports panel installation and wall-mounted installation, only need 4 installation clips to tighten , The installation and maintenance are very convenient; the front panel conforms to the NEMA / IP65 waterproof and dustproof standard, which effectively controls the water droplets and water vapor splashed on site to enter the host and affect the normal operation of the device; the device adopts a fanless design, which limits the dust to enter the device , To ensure a more stable operation of the equipment, through the external surface heat sink to quickly dissipate the internal heat of the system, so that it can adapt to the harsher on-site environment; it is most suitable for factory automation, machinery manufacturing, CNC equipment, textile equipment, smart power Monitoring and control of host computers such as food traceability.

PPC-P150-HV is compatible with mainstream operating systems such as Windows7, Windows10, Linux and embedded The operating system can run the application software and programs based on the above operating systems independently developed by the customer, and install the industrial automation configuration software to form a powerful human-machine interface.

Feature:

15 "true color LCD display with a resolution of 1024x768 and a backlight life of up to 50,000 hours

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

The ultra-thin design saves cabinet space and is resistant to shock and vibration

9~36V wide voltage DC power input, meet the industrial site power supply

High-precision capacitive touch screen, with many industrial site application features, while supporting panel embedded and standard VESA installation, users can flexibly choose the installation method

Specification:

PPC-P150-HV

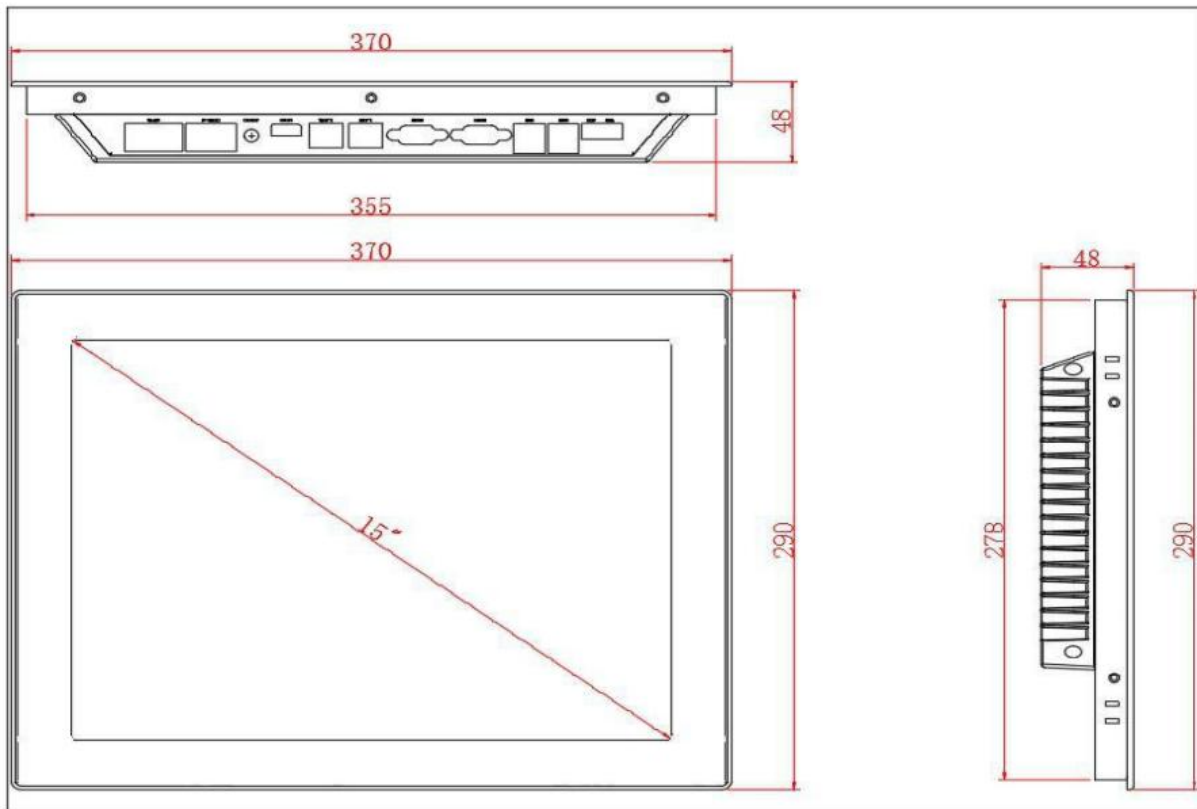
System parameters	CPU	J1800/J1900/I5-4200U/I5-7200U/I7-7500U processor
	RAM	Onboard 4GB DDR3 (expandable)
	Disk	Support MSATA / SSD and SATA2.5 "notebook hard drives
I/O interface	Network port	2 x Intel Gigabit Ethernet
	Audio	RTLALC662 audio controller, LINE-out port
	USB	4 x USB3.0
	Serial port	6 x RS232(2 can be set to RS485/RS422)
	GPIO	14 channels (custom)
LCD screen	Display	15"TFT LED
	Resolution	1024x768
	Brightness	350cd/m2
	Contrast	800:1
	Maximum color	16M
	Types of	High precision capacitive
	Click life	250 grams of strength, 50 million times

Touch screen	Response time	<5ms
	Transmittance	above 95%
	High temperature test	85°C/1000hrs
	Constant temperature and humidity test	85°C/90%RH/1000hrs
Mechanism parameters	Panel cabinet	Aluminum alloy frame
	Installation method	The panel is embedded, and it can be installed with the bracket by VESA
	Power input	9~36V DC power supply
	Hole Size	360mmx285mm
	Overall dimensions	370mmx290mmx48mm
	Power	30W
	Weight	4KG
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-P150-HV/J1800 (Economical)	J1900/4G/1 x RJ-45/4 x USB/2 x RS232/12V
PPC-P150-HV/J1900 (Economical)	J1900/4G/1 x RJ-45/4 x USB/2 x RS232/12V
PPC-P150-HV/J1900	J1900/Onboard 4G/2 x RJ-45/4 x USB/4 x RS232+1 x RS485+1 x (RS232/422/485)/Optional 9-36V
PPC-P150-HV/I5-4200U	I5-4200U/Onboard 4G/2 x RJ-45/4 x USB/4 x RS232+1x RS485+1 x (RS232/422/485)/Optional 9-36V
PPC-P150-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-P150-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:



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