PPC-P170-K

17 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-P170-K is a touch panel computer solution designed for human-machine interface applications. It uses Intel® J1900 processor/Intel I5-4200U/I5-7200U/I7-7500U processor and onboard 4GB DDR3 memory (Upgradable 12G memory), LCD screen with resolution of 1280x1024 and full-plane resistive touch screen. The whole machine adopts 9～36V DC power supply, which can effectively control the internal heat of the computer; provides a more diversified data storage device, and supports MSATA/SSD and SATA2.5" notebook hard disks; integrates a wealth of I/O interfaces, 6 x RS232 or 4 x RS232/2-485, 2 x 10～1000M Ethernet ports and 4 x USB3.0 ports.

PPC-P170-K supports panel embedded installation and wall-mounted installation. It only needs 4 mounting clips to be tightened. Installation and maintenance are very convenient; the front panel meets the NEMA/IP65 waterproof and dustproof standard, which effectively controls the splash Water droplets and water vapor enter the host and affect the normal operation of the equipment; the equipment adopts a fanless design, limited control of dust entering the equipment, ensuring a more stable operation of the equipment, and quickly dissipating the internal heat of the system through the external surface heat sink to make it adaptable More harsh on-site environment; most suitable for application in factory automation, machinery manufacturing, numerical control equipment, textile equipment, intelligent power, food traceability and other host computer monitoring and control.

PPC-P170-K is compatible with mainstream operating systems and embedded operating systems such as Windows7, Windows10, Linux, etc. It can run application software and programs based on the above operating systems independently developed by customers, and install industrial automation configuration software to form a powerful man-machine interface.

Feature:

Using the latest technology die stamping chassis, solid shell and beautiful appearance
17 "true color LCD display, resolution 1280 x 1024, backlight life up to 50000 hours

ARMORTEC

www.armortec.net   Professional industrial PC and network appliance designer and manufacturer.

The touch screen adopts high-temperature five-wire resistance type. The number of clicks can reach 35 million times

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

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

The large area aluminum fin active heat dissipation design ensures that the tablet can work uninterruptedly in harsh industrial sites
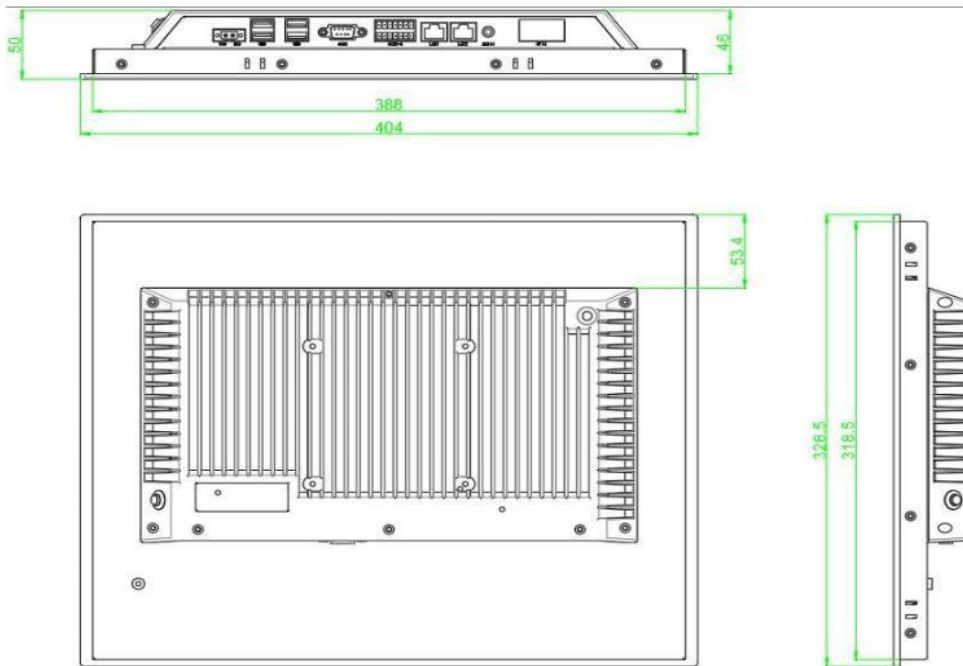
Specification: PPC-P170-K

System parameters	CPU	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	17" TFT LED
	Resolution	1280X1024
	Brightness	350cd/m2
	Contrast	800:1
	Maximum color	16M
Touch screen	Types of	High-temperature five-wire analog resistance
	Click life	250 grams of effort, 35 million times
	Response time	<5ms
	Transmittance	above 85%
	High temperature test	85℃/1000hrs
	Constant temperature and humidity test	85℃/90%RH/1000hrs
Mechanism parameters	Panel cabinet	The casing adopts cast aluminum mold
	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	390mmx320.5mm
	Overall dimensions	404mmx328.5mmx50mm
	Power	30W
	Weight	5KG
Environmental parameters	Operating temperature	-20～60℃（Electronic disk）
	Storage temperature	-30～80℃
	Front panel protection	IP65 standard

Ordering Information:

Product number	Configuration
PPC-P170-K/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-K/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-K/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-K/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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