PPC-P104-H

10.4 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-P104-H is a touch-controlled tablet computer solution designed for human interface applications. It uses Intel ®J1900 processor/Intel I5-4200U/I5-7200U/I7-7500U processor, onboard 2GB DDR3/4GB DDR3 memory, and has an optional 1024x768 LCD resolution and a high temperature full-screen capacitive touch screen.The whole machine adopts 9-36V DC power supply, which can effectively control the internal heat of the computer.
And 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-P104-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 heat sinks 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.

Feature:

Adopt the latest technology die stamping machine case, the outer shell is firm and beautiful appearance
10.4" true color LCD, resolution 1024x768 optional, backlight service life up to 50,000 hours
The touch screen uses a full-plane capacitive touch screen,up to 50 million clicks
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 harshindustrial conditions

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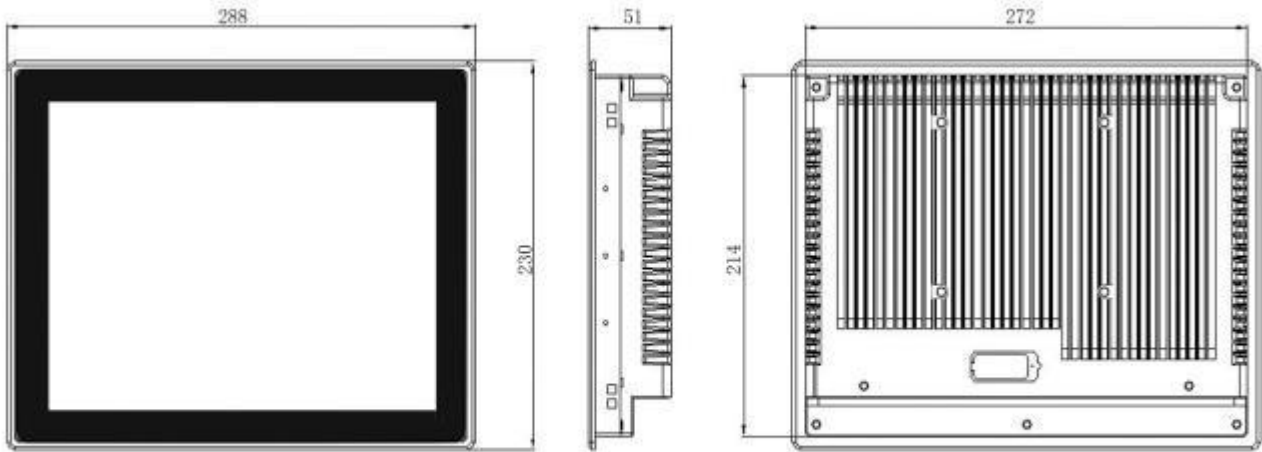www.armortec.net   Professional industrial PC and network appliance designer and manufacturer.

Specification: PPC-P104-H

System parameters	CPU	J1900/i5-4200U/i5-7200U/i7-7500U
	RAM	2GB DDR3/4GB DDR3/4 onboard (extensible)
	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	10.4"TFT LED
	Resolution	1024x768
	Brightness	350cd/m2
	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℃/1000hrs
	Constant temperature and humidity test	85℃/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	288mmx230mmx51mm
	Box size	272mmx214mmx47mm
	Hole Size	274mmx216mm
	Power	20W
	Weight	2KG
Environmental parameters	Operating temperature	-20～60℃（Electronic disk）
	Storage temperature	-30～80℃
	Front panel protection	IP65 standard

Ordering Information:

Product number	Configuration
PPC-P104-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-P104-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

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PPC-P104-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-P104-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：274x216mm

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