PPC-SH170-4000

Industrial 17" LCD Fanless Panel PC with Intel 4th Generation Processor, 4 USB Ports/ 6 COM Ports/ HDMI / Dual Gigabit LAN





FEATURES

- Intel® 4th Generation processor with graphics built in.
- Max memory: DDR3 up to 8GB
- Dual Gigabit Ethernet Ports
- Intel[®] Integrated HD Graphics Technology
- Realtek® ALC662 High-Definition Audio chip on-board
- Multi I/O: 3x USB 2.0 & 1 x USB3.0, 6x COM ports
- Bay: 1x 2.5" HDD (Internal) Bays
- Input Power: 12V DC
- Front Bezel Protection: IP65
- Supported OS: Windows® 7/8/10, Linux, Ubuntu, Debian

Introd	luction

PPC-SH170-4000 Industrial Panel PC supporting Intel 4th Generation Processor with Built in Graphics. PPC-SH170-4000 comes with 17" LCD Display. PPC-SH170-4000 supports One 2.5" HDD/SSD, 2x Com Port, 2 x USB 3.0 & 2 USB 2.0 Ports and one Mini PCIe expansion slot.

PPC-SH170-4000 is ideal for developing high-performance systems for industrial control and Automation, retail, gaming, print imaging and digital signage.

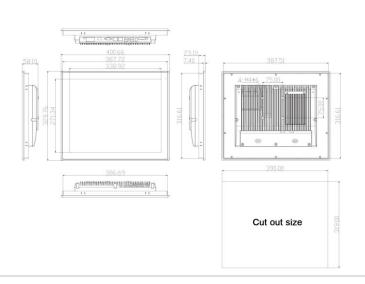
Ordering Information	
PPC-SH170-4500-C109	Industrial 17" LCD Fanless Panel PC with Intel 4 th Generation I7- 4500U Processor, 4 USB Ports/ 6 COM Ports/ HDMI / Dual Gigabit LAN
PPC-SH170-4200-C109	Industrial 17" LCD Fanless Panel PC with Intel 4 th Generation i5- 4200U Processor, 4 USB Ports/ 6 COM Ports/ HDMI / Dual Gigabit LAN

Specification

<u>-</u>	
LCD	PDC 511470 4000
Model	PPC-SH170-4000
Resolution	1280x1024
Brightness	300 cd/m ²
Contrast Ratio	1000:1
Viewing Angle	170/170
Backlight	LED
Backlight MTBF	35000Hrs
Touch Screen	
Touchscreen Type	Projected Capacitive Touch (10 points)
Touchscreen Interface	USB
Touch response time	2ms
Luminousness	90%
Surface Hardness	7H
MTBF	>50 million times
System	
Processor	• Intel® Core, I7-4500U, dual core, 1.8GHz, fanless
1 10003301	• Intel® Core, I5-4200U, dual core, 1.6GHz, fanless
BIOS	• AMI
System Memory	• Max. 8GB
Chipset	• -
Video	Integrated graphics HD Graphics
viueo	One HDMI
Ethernet	Dual Realtek RTL 8111E Gigabit Ethernet controller
Eulernet	One Wifi Module (Optional)
On Board I/O	• 3× USB 2.0 Ports
	• 1× USB 3.0 Ports
	• 6 x COM RS232 Ports (COM1~COM 2 RS-232/422/485 &
	COM3~COM6 3 Wire RS-232)
Watchdog Timer	Programmable watchdog timer for 1~255 seconds.
CMOS	On-board RTC with 242 bytes of Battery-back CMOS RAM.
Audio	Realtek ALC662, High Definition Audio (HD)
	Support Line-OUT, MIC
Power	Support Enle-OoT, Mile Support both AT and ATX mode.
Cooling	One CPU cooling FAN connector nearby CPU socket
Cooling	One system cooling FAN connectors for chassis or power supply
	cooling.
Power Requirement	coomig.
External Power	AC 100~240V
Power Input	9V ~36V DC
Power Consumption	~40W
	1 1211
Mechanical & Environment	
Drive Bay	• One 2.5" Hard Disk Bay
Dimension	• 400.7(W) x 329.8(H) x 58.1(D) mm
Weight	• Gross 6.6kg, NW 5Kg
Operation temperature	• -20 to 60°C
Storage temperature	• -30 to 70°C
Relative humidity	• 5% to 95% (Non-Condensing)
Vibration	• 5-500 Hz, 0.026 G²/Hz, 2.16 Grms, X, Y, Z, 1 hour per axis
Additional Chassis FAN	• N/A

Dimension





Rev: 1.0 20201201

Front Bezel protection

IP65 Compliant