## PPC-SH215-4000

## Industrial 21.5" LCD Fanless Panel PC with Intel 4<sup>th</sup> Generation Processor, 4 USB Ports/ 6 COM Ports/ HDMI / Dual Gigabit LAN





## **FEATURES**

- Intel® 4<sup>th</sup> 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

## Introduction

Specification

Resolution Brightness

Backlight

Dimension

Operation temperature

Storage temperature

Additional Chassis FAN

Front Bezel protection

Relative humidity

Weight

Contrast Ratio Viewing Angle

LCD Model

PPC-SH215-4000 Industrial Panel PC supporting Intel 4th Generation Processor with Built in Graphics. PPC-SH215-4000 comes with 21.5" LCD Display. PPC-SH215-4000 supports One 2.5" HDD/SSD, 2x Com Port, 2x USB 3.0 & 2 USB 2.0 Ports and one Mini PCle expansion slot.

 $PPC-SH215-4000\ is\ ideal\ for\ developing\ high-performance\ systems\ for\ industrial\ control\ and\ Automation,\ retail,\ gaming,\ print\ imaging\ and\ digital\ signage.$ 

PPC-SH215-4000 1920x1080 FHD

300 cd/m<sup>2</sup> 1000:1

170/170

LED

PPC-SH215-4500-C109	Industrial 21.5" LCD Fanless Panel PC with Intel 4 <sup>th</sup> Generation i7-4500U Processor, 4 USB Ports/ 6 COM Ports/ HDMI / Dual Gigabit LAN
PPC-SH215-4200-C109	Industrial 21.5" LCD Fanless Panel PC with Intel 4 <sup>th</sup> Generation i5-4200U Processor, 4 USB Ports/ 6 COM Ports/ HDMI / Dual Gigabit LAN

Dimension



Backlight MTBF	35000Hrs
Touch Screen	
Touchscreen Type	Project 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
	• Intel® Core, I5-4200U, dual core, 1.6GHz, fanless
BIOS	• AMI
System Memory	• Max. 8GB
Chipset	•-
Video	Integrated graphics HD Graphics
	One HDMI
Ethernet	Dual Realtek RTL 8111E Gigabit Ethernet controller
	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 both AT and ATX mode.
Cooling	One CPU cooling FAN connector nearby CPU socket
	One system cooling FAN connectors for chassis or power supply
	cooling.
Power Requirement	
External Power	AC 100~240V
Power Input	9V ~36V DC
Power Consumption	~40W
Mechanical & Environment	
Drive Bay	One 2.5" Hard Disk Bay

• 534.4(W) x 328(H) x 62.1(D) mm

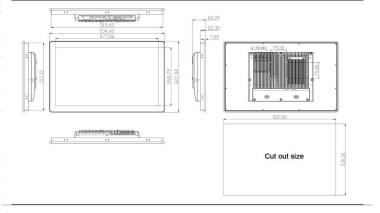
• 5% to 95% (Non-Condensing)

• 5-500 Hz, 0.026 G²/Hz, 2.16 Grms, X, Y, Z, 1 hour per axis

• Gross 9.8kg, NW 8Kg

• -20 to 60°C • -30 to 70°C

• IP65 Compliant



Rev: 1.0 20201201