

# IPC-1501AI

15 inch Industrial Panel PC based on Intel® 6/7/8th Gen. Core i3 i5 i7 processor



## Features

- 15" TFT 1024 × 768 with resistive touch screen
- Aluminum panel with IP65 compliant
- Support Intel the Gen. 6/7/8/9th Core i3/i5/i7, Celeron LGA1151 socket CPU
- 2x DIMM DDR4 2400/2133 SDRAM, MAX support 32GB
- 1x 2.5" SATA SSD/HDD; 1x M.2 Slot support M.2 2260/2280 PCIE standard SSD
- 6COM(1x RS485), 1xHDMI, 1xVGA, 4xUSB, 1x GPIO,2xLAN, 1xAUDIO and MIC
- 1x Mini PCIe slot
- 100~240V AC Power adapter input D-12V (Optional DC 9-36V input)
- Wireless LAN with antenna (optional)
- Modularize design for easy installation and maintenance

## Specifications

Main System	
CPU	Intel® Core 6/7/8/9th i7/i5/i3 , Celeron® LGA1151 type CPU
Chipset	Intel H310C chipset
System Memory	2x DDR4, MAX support 32GB
LAN	2x Realtek ® RL8111x (Gigabit ) 10/100/1000Ethernet
HDD (hard disk )	1x 2.5" SATA SSD/HDD; 1x M.2 Slot
Audio	Realtek ® ALC662, 5.1 channel surround Audio
I/O Connector	5 x RS-232
	1 x RS422/485
	1x HDMI port
	1x PS/2 (Keyboard/mouse)
	1x VGA DB-15 Connector
	1x Audio (Mic-in / Line-out)
	2x 10/100/1000MLAN port ( RJ-45 )
	2x USB2.0, 2x USB3.0
Expansion	1x 3Pin DC power input terminal block 1 x Mini PCIe slot
General	
Construction	Aluminum panel with IP65 compliant
Color	Black or OEM
OS Support	Windows 10/8/7, Linux
Mounting	Panel mount or Standard VESA 100mm
Power supply	DC 12V, with External AC adapter,Output Rating 120W
DC optional	Optional DC 9-36V input
LCD Display	
Display type	15" XGA TFT LCD LED Backlight
Resolution	1024 x 768 pixels
Luminance	350 cd/m2
Viewing angle	178°(H), 178°(V)
Pixel Pitch	0.297 x 0.297 mm
Contrast Ratio	1000:1
LCD MTBF	50,000hrs

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## Touch screen

Type	Analog Resistive
Controller Interface	Internal USB interface controller
Resolution	Continuous
Light Transmission	81% or more
Operating Force	≤100g
Life Expectancy	35 Million

## Mechanical and Environmental

Operate temperature	-10°C~ 60°C (-14~140°F)
Storage temperature	-20°C ~ 70°C (-4 ~ 158°F)
Storage humidity	5% to 95% @40°C non-condensing
Vibration	17 to 500HZ 1G PTP
Operating Shock	1G /peak ( 11m sec)
Ingress Protection	Front panel: IP65
Dimensions(WxHxD)	406 x 312 x 70mm
NET weight	6.5 KG

## Ordering informations

IPC-1501AI	Industrial 15" panel PC, with i7-6700 (4G) Processor, With Resistive Touch screen, with DDR4 RAM, 2.5 " SSD/ HDD or M.2 SSD, 12V/120W external AC adapter
IPC-1502AI	Industrial 15" panel PC, with i5-6500 (3.2G) Processor, With Resistive Touch screen, with DDR4 RAM, 2.5 " SSD/ HDD or M.2 SSD, 12V/120W external AC adapter
IPC-1503AI	Industrial 15" panel PC, with i3-6100 (3.7G) Processor, With Resistive Touch screen, with DDR4 RAM, 2.5 " SSD/ HDD or M.2 SSD, 12V/120W external AC adapter
CPU Options	Intel 6/7/8/9th Core i7/i5/i3, Celeron LGA1151 type CPU

## Dimensions Diagram

