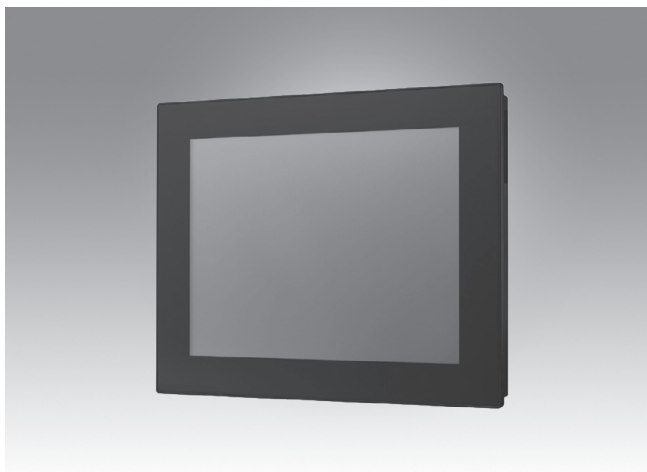


# PPC-3150-RJ90A

## 15" Fanless Panel PC with Intel® Celeron Quad Core J1900 Processor



### Features

- 15" TFT XGA LED Panel with resistive touchscreen
- Embedded Intel Celeron processor, quad core J1900 2.0GHz onboard
- System memory up to 8GB DDR3L 1333 SDRAM
- Supports one internal SATA 2.5" HDD
- Supports one Mini PCIe socket, two Gigabit Ethernet
- Fanless and compact size with low power consumption
- Supports five RS-232 and one RS-232/422/485, besides six RS-232 and two RS-422/485 are optional by request
- Supports one mSATA socket

### Introduction

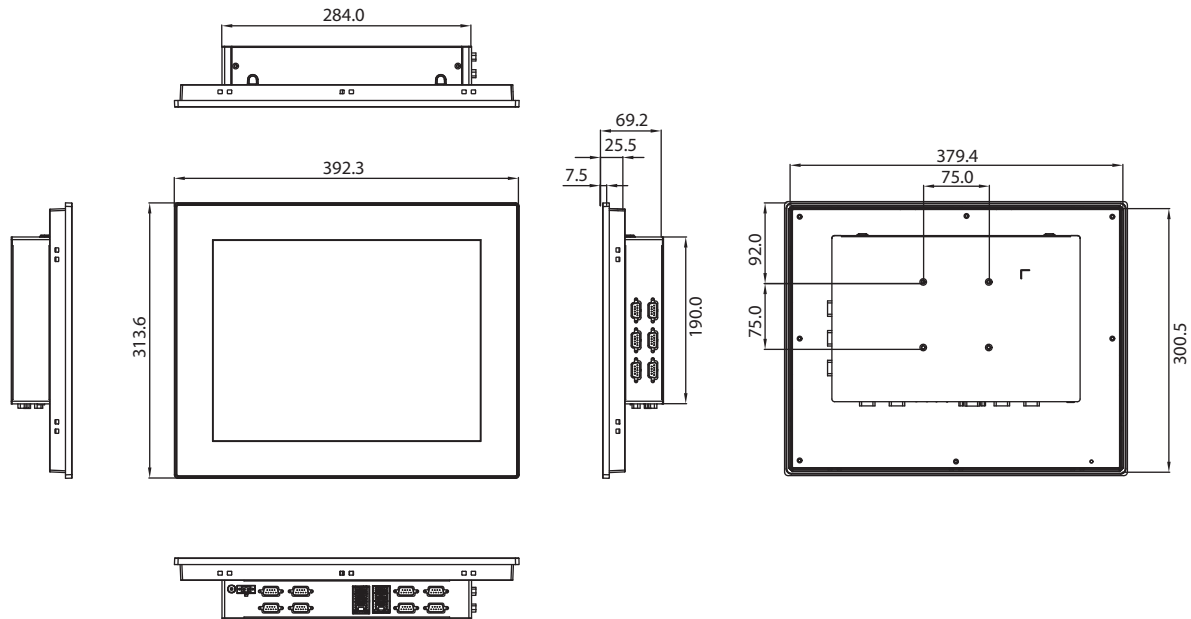
The PPC-3150-RJ90A is a valued and reliable 15" Panel PC. With an onboard Intel Celeron processor J1900, it features low power consumption and good performance. The PPC-3150-RJ90A is highly reliable because of its 15" TFT XGA LED panel, 5-wire resistive touch screen and fanless design. It provides fourteen serial ports, four USB ports, and two GbE LAN to satisfy various industrial applications especially industrial equipment makers and product line monitors. With a compact and slim design, the PPC-3150-RJ90A provides can be easily integrated in industrial systems.

### Specifications

Processor System	CPU	Intel® Celeron J1900, Quad core
	Frequency	2.0 GHz
	2nd Cache	2 MB
	Memory	1 x SO-DIMM, DDR3L 1333, Max 8 GB
	Storage	1 x 2.5" SATA Bay 1 x mSATA Bay
	Network (LAN)	2 x 10/100/1000 Mbps Ethernet (Intel i211*2)
	I/O ports	5 x RS-232, 1 x RS-232/422/485(Adjustable through BIOS) 6 x RS-232 and 2 x RS-422/485 (optional by request) 1 x USB 3.0, 3 x USB 2.0 1 x VGA & 1 x HDMI (optional by request)
	Expansion	1 x Full size Mini PCIe slot
	Watchdog Timer	255 timer levels, set up by software
Physical Characteristics	Dimensions	392.3 x 313.6 x 69.2 mm
	Weight	4.9 Kg
OS Support	OS Support	Microsoft® Windows 7 (32/64 bit)/10 (64 bit), Linux
Power Consumption	Input Voltage	12- 24 V <sub>DC</sub>
	Power Consumption	36W (Buru-in test 8.0 in Windows 7 64 bit)
LCD Display	Display Type	15" TFT LCD (LED backlight)
	Resolution	1024 x 768
	Viewing Angle	88(left), 88 (right), 88 (up), 88(down)
	Luminance (cd/m <sup>2</sup> )	300
	Contrast Ratio	2000
	Backlight Lifetime	70,000hrs (Typ.)
	Touch Type	Resistive 5 wires
Touchscreen	Light Transmission	80±3%
	Controller	USB interface
	Durability (Touches)	36 million
Environment	Operating Temperature	0 ~ 50°C (32 ~ 122°F) with SSD 0 ~ 40°C (32 ~ 104°F) with HDD
	Storage Temperature	-40 ~ 60°C (-40 ~ 140°F)
	Relative Humidity	10 ~ 95% @ 40°C (non-condensing)
	Shock	Operating 10 G peak acceleration (11 ms duration), follow IEC 60068-2-27
	Vibration	Operating Random Vibration Test 5~500Hz, 1Grms @with HDD; 2Grms @with SSD, follow IEC 60068-2-64
	EMC	CCC
	Safety	CCC
	Front Panel Protection	IP65 compliant

## Dimensions

Unit: mm

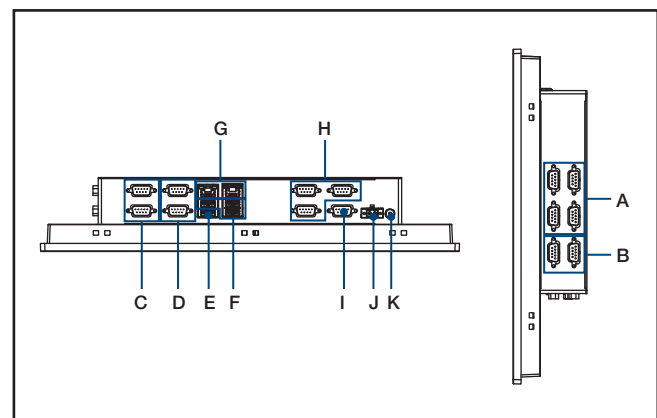


Panel Cutout Dimensions: 381.00 x 302.00 mm

## Ordering Information

Part Number	Description
PPC-3150-RJ90A	15" XGA Panel PC with Intel Celeron J1900, Res, 5 x RS-232, 1 x RS-232/422/485
PS-DC19-65AE	Adapter AC100-240V 65W 19V 3.42A
PPC-WLAN-C1E	M.2 Wi-Fi Module with Antenna cable support 2T2R
1700008921	Power cord 3P/3P Power Supply 1.8M PSE
96CB-POWER-B-1.8MB	Power code 3P CCC(China) 1.8M
PPC-174T-WL-MTE	Wall mount kit for PPC series
PPC-STAND-A1E	Stand For PPC Series (single acting hinge)
PPC-ARM-A03	PPC ARM VESA Standard

## I/O Appearance



- A. 4 x RS-232 (optional by request)
- B. 2 x RS-422/485 (optional by request)
- C. 2 x RS-232 (optional by request)
- D. 2 x RS-232
- E. 1 x USB3.0
- F. 3 x USB2.0
- G. 2 x LAN
- H. 3 x RS-232
- I. 1 x RS-232/422/485
- J. DC-In
- K. Power button