

# PPC-Ci150-N7094

Intel® 9<sup>th</sup>/8<sup>th</sup> Generation Core™ i7/i5/i3 Processor  
 Socket 1151 Desktop Processor Q370 Chipset  
 Based 15" LCD Panel PC with 4 USB 3.1/ 6 USB  
 2.0/ 6x COM Ports/ VGA/ DVI/ Dual Gigabit LAN



## FEATURES

- Intel® 9<sup>th</sup>/8<sup>th</sup> Generation Core™ i7/i5/i3 Desktop Processors
- Two Dual-channel DDR4 2666Mhz Memory Modules. Max. up to 32GB memory
- Dual Intel® PCI Express Gigabit Ethernet controllers (i210AT and I219LM)
- Integrated Intel® HD Graphics with VGA, DVI-I, HDMI, LVDS connectors
- Realtek® ALC262 High Definition Audio chip on-board
- Multi I/O: 4x USB 3.1, 6x USB 2.0, 6x COM ports, 3x SATA 3.0
- Expansion Slot: 1 PCIe x16, 1 Mini PCIe socket support mSATA, 1 Half size Mini PCIe slot and 1 SIM Slot
- Bay: 2x 2.5" HDD (Internal) Bays

## Introduction

PPC-Ci150-N7094 Industrial Panel PC supporting Intel® 9<sup>th</sup>/8<sup>th</sup> Generation Core™ i7/i5/i3 Processor Socket 1151 Desktop Processor. PPC-Ci150-N7094 comes with 15" LCD Display. PPC-Ci150X-N7094 supports two 2.5" Hard Disk, 6x COM Port, 4 x USB 3.1, 6 x USB 2.0 and one PCIe x16 expansion slot. PPC-Ci150-N7094 is ideal for developing high-performance systems for industrial control and Automation, retail, gaming, print imaging and digital signage.

## Specification

Model	PPC-Ci150-N7094
<b>LCD</b>	
Resolution	1024x768 (XGA)
Brightness	350 cd/m <sup>2</sup>
Contrast Ratio	700:1
Viewing Angle	160/140
Backlight	LED
Backlight MTBF	30000Hrs
<b>System</b>	
Processor	<ul style="list-style-type: none"> <li>• Intel® Core™ i7-8700 Processor 12M Cache, up to 4.60 GHz (65W)</li> <li>• Intel® Core™ i5-8400 Processor 9M Cache, up to 4.00 GHz (65W)</li> <li>• Intel® Core™ i3-8100 Processor 6M Cache, 3.60 GHz (65W)</li> <li>• Intel® Pentium® G5500 Processor 4M Cache, 3.80 GHz (54W)</li> <li>• Intel® Celeron® G4900 Processor 2M Cache, 3.10 GHz (54W)</li> </ul>
BIOS	• Insyde BIOS
System Memory	• Dual DDR4 DIMM 2666 MHz up to 32GB, Support Non-ECC, unbuffered memory only (Core i3, Pentium, Celeron CPU support 2400 MHz only)
Chipset	• Intel® Q370
Video	• Intel® UHD Graphics • Display ports: x DVI, 1 x DisplayPort (optional), 1 x LVDS, 1 x HDMI, 1 x VGA
Ethernet	• 1x Intel® I219-LM Gigabit PHY LAN (Support iAMT12.0) • 1x Intel® I210-AT Gigabit LAN
On Board I/O	<ul style="list-style-type: none"> <li>• 6x Serial ports                             <ul style="list-style-type: none"> <li>- 2x RS-232/422/485 selectable – Rear</li> <li>- 4x RS-232– Internal Header</li> </ul> </li> <li>• 3x SATA 3.0 ports with data transfer rate up to 6Gb/s</li> <li>• Integrated Advanced Host Controller Interface (AHCI) controller</li> <li>• 10 USB Ports                             <ul style="list-style-type: none"> <li>- 4 x USB3.1 Gen2</li> <li>- 4 x USB2.0, 2 x USB3.1 Gen2 (Internal Header)</li> </ul> </li> <li>• 1x 8 bit Digital I/O</li> </ul>
OS Supported	• Microsoft® Windows 10 only
Watchdog Timer	• Programmable watchdog timer for 1~255 seconds.
CMOS	• On-board RTC with 242 bytes of Battery-back CMOS RAM.
Audio	• Realtek ALC262 High Definition Audio
Power	• Standard 24pin ATX Power Supply and 4 Pin 12V • Support both AT and ATX mode.
<b>Power Requirement</b>	
Power Supply	• Industrial Auto Range 300W Power Supply

## Mechanical & Environment

Drive Bay	• Two 2.5" Hard Disk Bays
Dimension	• 379(W) x 303(H) x 107.50(D) mm
Weight	• Gross 11kg
Operation temperature	• 0°C to 60°C (32° F to 140° F)
Storage temperature	• -20°C to 80°C (-68° F to 176° F)
Relative humidity	• 5% to 95% (Non-Condensing)
Additional Chassis FAN	-
Front Bezel protection	• IP65 Compliant

## Ordering Information

PPC-Ci150-N7094-C101	Intel® 9 <sup>th</sup> /8 <sup>th</sup> Generation Core™ i7/i5/i3 Processor Socket 1151 Desktop Processor Q370 Chipset Based 15" LCD Panel PC 300cd/m <sup>2</sup> with 4 USB 3.1/ 6 USB 2.0/ 6 COM Ports/ VGA / Dual Gigabit LAN, 300W Power Supply/USB Touch Screen Controller and Sensor & Slim Socket 1155 CPU Cooler
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## Dimension

