

# PPC-Ci150-N7091

Intel® 7<sup>th</sup>/6<sup>th</sup> Generation Xeon®/Core® i7/i5/i3 Processor Socket 1151 Desktop Processor C236 Chipset Based 15" LCD Panel PC with 6 USB 3.0/ 4 USB 2.0/ 6 COM Ports/ VGA/ DVI/ Dual Gigabit LAN



## FEATURES

- Intel® 7<sup>th</sup>/6<sup>th</sup> Generation Core™ i7/ i5/ i3/ Xeon® E3-1200v5 Desktop socket 1151
- Intel® C236 Express chipset
- Two DDR4 DIMM 1866 / 2133 MHz up to 32GB
- One Intel® I210 Gigabit LAN and 1 x Intel® I219-LM Gigabit PHY LAN
- Intel® Core™ integrated HD Graphics 530 Technology
- Realtek® ALC262 High-Definition Audio chip on-board
- Multi I/O: 4xUSB 2.0, 6xUSB 3.0, 6x COM ports, 4x SATA
- Expansion: PCIe x16 slot, 1x Mini-PCIe socket & 1x Half Size Mini PCIe socket
- Bay: 2x 2.5" HDD (Internal) Bays

## Introduction

PPC-Ci150-N7091 Industrial Panel PC supporting Intel® 7<sup>th</sup>/6<sup>th</sup> Generation Xeon®/Core i7/i5/i3 Processor Socket 1151 Desktop Processor. PPC-Ci150-N7091 comes with 15" LCD Display. PPC-Ci150X-N7091 supports two 2.5" Hard Disk, 6x COM Port, 6 x USB 3.0, 4 x USB 2.0 and one PCIe x16 expansion slot.

PPC-Ci150-N7091 is ideal for developing high-performance systems for industrial control and Automation, retail, gaming, print imaging and digital signage.

## Specification

Model	PPC-Ci150-N7091
<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>• 7<sup>th</sup>/6<sup>th</sup> Generation Intel® i7 / i5 / i3 series and Xeon® E3-1200 v5 Desktop Processor.</li> <li>- Intel® Core™ i7-6700T Processor (8M Cache, up to 3.60 GHz)</li> <li>- Intel® Core™ i5-6600T Processor (6M Cache, up to 3.50 GHz)</li> <li>- Intel® Core™ i3-6300T Processor (4M Cache, 3.30 GHz)</li> <li>- Intel® Xeon® Processor E3-1275 v5 (8M Cache, 3.60 GHz)</li> <li>• Package Type: FCLGA1151</li> </ul>
BIOS	<ul style="list-style-type: none"> <li>• uEFI BIOS. 64Mbit FlashROM with DOS and Windows update utility support.</li> </ul>
System Memory	<ul style="list-style-type: none"> <li>• Two DDR4 1866/2133 Mhz DIMM Module up to 32GB</li> <li>• Supports Non ECC Memory only</li> </ul>
Chipset	<ul style="list-style-type: none"> <li>• Intel® C236 Express chipset</li> </ul>
Video	<ul style="list-style-type: none"> <li>• Intel® Core™ integrated HD Graphics 530 Technology</li> <li>• Onboard 15-pin CRT interface</li> <li>• Onboard DVI connector</li> <li>• Onboard 24-bit dual channel LVDS connector with +3.3V/+5V/+12V supply</li> <li>• Onboard Display port connector</li> </ul>
Ethernet	<ul style="list-style-type: none"> <li>• One Intel® I210 Gigabit LAN and 1 x Intel® I219-LM Gigabit PHY LAN</li> <li>• Support Wake-on-LAN, Remote Boot with PXE and RTL.</li> </ul>
On Board I/O	<ul style="list-style-type: none"> <li>• Four serial ports as COM1~COM6. One COM Port is RS232/422/485 selectable by jumper with auto-flow control.</li> <li>• Four SATA-III ports (Support RAID 0, 1, 5, 10 and Intel Rapid Storage Technology.)</li> <li>• Support Six USB3.0 ports. Two ports are on rear I/O.</li> <li>• Support Four USB2.0 ports. Two ports are on rear I/O.</li> <li>• 8bits Digital I/O</li> <li>• One Smbus interface</li> <li>• PS2 KB and MS. (Optional)</li> </ul>
Watchdog Timer	<ul style="list-style-type: none"> <li>• Programmable watchdog timer for 1~255 seconds.</li> </ul>
CMOS	<ul style="list-style-type: none"> <li>• On-board RTC with 242 bytes of Battery-back CMOS RAM.</li> </ul>
Audio	<ul style="list-style-type: none"> <li>• RealTek® ALC262 High-Definition Audio chip on-board.</li> <li>• Support Line-in, MIC-in, Front, Rear, Center/Subwoofer</li> </ul>
TPM	<ul style="list-style-type: none"> <li>• Infineon TPM 1.2 on board supports security functions</li> </ul>
Power	<ul style="list-style-type: none"> <li>• Standard 20Pin + 4pin ATX power supply</li> <li>• Support both AT and ATX mode.</li> </ul>
<b>Power Requirement</b>	
Power Supply	<ul style="list-style-type: none"> <li>• Industrial Auto Range 300W Power Supply</li> </ul>

## 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-N7091-C101	Intel® 7 <sup>th</sup> /6 <sup>th</sup> Generation Xeon®/Core® i7/i5/i3 Processor Socket 1151 Desktop Processor C236 Chipset Based 15" LCD Panel PC with 6 USB 3.0/ 4 USB 2.0/ 6 COM Ports/ VGA/ DVI/ Dual Gigabit LAN, 300W Power Supply/USB Touch Screen Controller and Sensor & Slim Socket 1155 CPU Cooler
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## Dimension

