# PPC-Ci215-N7091

Intel® 7<sup>th</sup>/6<sup>th</sup> Generation Xeon®/Core® i7/i5/i3 Processor Socket 1151 Desktop Processor C236 Chipset Based 21.5" LCD Panel PC wi<sup>th</sup> 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<sup>™</sup> i7/ i5/ i3/ Xeon® E3-1200v5 Desktop socket 1151
- Intel® C236 Express chipset
- Two DDR4 DIMM 1866 / 2133 MHz up to 32GB
- One Intel<sup>®</sup> I210 Gigabit LAN and 1 x Intel<sup>®</sup> 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-Ci215-N7091 Industrial Panel PC supporting Intel® 7th/6th Generation Xeon®/Core® i7/i5/i3 Processor Socket 1151 Desktop Processor. PPC-Ci215-N7091 comes with 21.5" LCD Display. PPC-Ci215X-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-Ci215-N7091 is ideal for developing high-performance systems for industrial control and Automation, retail, gaming, print imaging and digital signage.

#### Specification

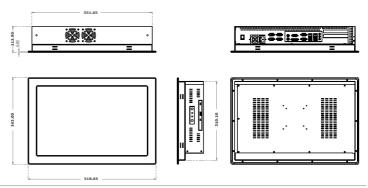
Model	PPC-Ci215-N7091
LCD	
Resolution	1920x1080 FHD
Brightness	300 cd/m <sup>2</sup>
Contrast Ratio	5000:1
Viewing Angle	178/178
Backlight	LED
Backlight MTBF	30000Hrs
System	<del>- '</del>
Processor	Th/6th Generation Intel® i7 / i5 / i3 series and Xeon® E3-1200 v5 Desktop Processor.  Intel® Core™ 7-6700T Processor (8M Cache, up to 3.60 GHz)  Intel® Core™ 5-6600T Processor (6M Cache, up to 3.50 GHz)  Intel® Core™ B-6300T Processor (4M Cache, 3.30 GHz)  Intel® Xeon® Processor E3-1275 v5 (8M Cache, 3.60 GHz)  Package Type: FCLGA1151
BIOS	<ul> <li>uEFI BIOS. 64Mbit FlashROM with DOS and Windows update utility support.</li> </ul>
System Memory	Two DDR4 18662133 Mhz DIMM Module up to 32GB Supports Non ECC Memory only  The state of the sta
Chipset	Intel® C236 Express chipset
Video	Intel® Core™ integrated HD Graphics 530 Technology     Onboard 15-pin CRT interface     Onboard DVI connector     Onboard 24-bit dual channel LVDS connector with     +3.3V/+5V/+12V supply     Onboard Display port connector
E <sup>th</sup> ernet	One Intel® I210 Gigabit LAN and 1 x Intel® I219-LM Gigabit PHY LAN Support Wake-on-LAN, Remote Boot with PXE and RTL.
On Board I/O	<ul> <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>8 bits Digital I/O</li> <li>One SMbus interface</li> <li>PS2 KB and MS. (Optional)</li> </ul>
OS Supported	<ul> <li>Programmable watchdog timer for 1~255 seconds.</li> </ul>
Watchdog Timer	<ul> <li>On-board RTC with 242 bytes of Battery-back CMOS RAM.</li> </ul>
CMOS	<ul> <li>RealTek® ALC262 High-Definition Audio chip on-board.</li> <li>Support Line-in, MIC-in, Front, Rear, Center/Subwoofer</li> </ul>
Audio	Infineon TPM 1.2 on board supports security functions
Power	Standard 20Pin + 4pin ATX power supply     Support both AT and ATX mode.
Power Requiremen	

• Industrial Auto Range 300W Power Supply

Mechanical & Environment		
Drive Bay	Two 2.5" Hard Disk Bays	
Dimension	• 551.65(W) x 343H) x 113(D) mm	
Weight	Gross 18kg	
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-Ci215-N7091-C101	Intel® 7th/6th Generation Xeon®/Core® i7/i5/i3 Processor Socket 1151	
	Desktop Processor C236 Chipset Based 21.5" LCD Panel PC with 6	
	USB 3.0/ 4 USB 2.0/ 6 COM Ports/ VGA/ DVI/ Dual Gigabit LAN, 300W	

Desktop Processor C236 Chipset Based 21.5" 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 1151 CPU Cooler

### Dimension



Power Supply