## PPC-Ci240-N7091

Intel® 7<sup>th</sup>/6<sup>th</sup> Generation Xeon®/Core® i7/i5/i3 Processor Socket 1151 Desktop Processor C236 Chipset Based 24" 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<sup>™</sup> i7/ i5/ i3/ Xeon® E3-1200v5 Desktop socket 1151
- Intel<sup>®</sup> 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-Ci240-N7091 Industrial Panel PC supporting Intel® 7th/6th Generation Xeon®/Core i7/i5/i3 Processor Socket 1151 Desktop Processor. PPC-Ci240-N7091 comes with 24" LCD Display. PPC-Ci240X-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-Ci240-N7091 is ideal for developing high-performance systems for industrial control and Automation, retail, gaming, print imaging and digital signage.

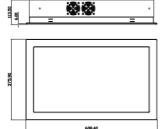
<b>Specification</b>
LCD

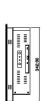
LCD				
Model	PPC-Ci240-N7091			
Resolution	1920 x 1080 (FHD)			
Brightness	300 cd/m2			
Contrast Ratio	5000:1			
Viewing Angle	178/178			
Backlight	LED			
Backlight MTBF	50000Hrs			
System				
Processor	This is a series and Xeon® E3-1200 v5 Desktop Processor. Intel® Core™ 7-6700T Processor (8M Cache, up to 3.60 GHz) Intel® Core™ 5-6600T Processor (6M Cache, up to 3.50 GHz) Intel® Core™ 6-6600T Processor (4M Cache, up to 3.50 GHz) Intel® Core™ 6-6300T 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	<ul> <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>			
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	Four serial ports as COM1~COM6. One COM Port is RS232/422/485 selectable by jumper with auto-flow control.     Four SATA-III ports (Support RAID 0, 1, 5, 10 and Intel Rapid Storage Technology.)     Support Six USB3.0 ports. Two ports are on rear I/O.     Support Four USB2.0 ports. Two ports are on rear I/O.     8 bits Digital I/O     One SMbus interface     PS2 KB and MS. (Optional)			
OS Supported	<ul> <li>Programmable watchdog timer for 1~255 seconds.</li> </ul>			
Watchdog Timer	On-board RTC with 242 bytes of Battery-back CMOS RAM.			
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	<ul> <li>Infineon TPM 1.2 on board supports security functions</li> </ul>			
Power	<ul> <li>Standard 20Pin + 4pin ATX power supply</li> <li>Support bo<sup>th</sup> AT and ATX mode.</li> </ul>			
Power Requirement				
Power Supply	Industrial Auto Range 300W Power Supply			

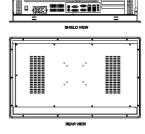
Mechanical & Environment			
Drive Bay	Two 2.5" Hard Disk Bays		
Dimension	• 608.4W) x 375.9(H) x 113.5(D) mm		
Weight	Gross 18kg		
Operation temperature	• 0°C to 60°C (32° F to 140° F)		
Storage temperature	• -20°C to 80°C (-68° F to 176° F)		
Relative humidity	• 5% to 95% (Non-Condensing)		
Additional Chassis FAN	• 2x 40mm		
Front Bezel protection	IP65 Compliant		
Ordering Information			
PPC-Ci240-N7091-C101	Intel® 7th/6th Generation Xeon®/Core® i7/i5/i3 Processor Socket 1151 Desktop Processor C236 Chipset Based 24th LCD Panel PC wth 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 575.40







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