

PPC-Ci220-N7091

Intel® 7th/6th Generation Xeon®/Core® i7/i5/i3 Processor Socket 1151 Desktop Processor C236 Chipset Based 22" LCD Panel PC with 6 USB 3.0/ 4 USB 2.0/ 6 COM Ports/ VGA/ DVI/ Dual Gigabit LAN



Windows 7 Windows 10

FEATURES

- Intel® 7th/6th 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-Ci220-N7091 Industrial Panel PC supporting Intel® 7th/6th Generation Xeon®/Core i7/i5/i3 Processor Socket 1151 Desktop Processor. PPC-Ci220-N7091 comes with 22" LCD Display. PPC-Ci220X-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-Ci220-N7091 is ideal for developing high-performance systems for industrial control and Automation, retail, gaming, print imaging and digital signage.

Specification

LCD	
Model	PPC-Ci220-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	<ul style="list-style-type: none"> • 7th/6th Generation Intel® i7 / i5 / i3 series and Xeon® E3-1200 v5 Desktop Processor. - Intel® Core™ i7-6700T Processor (8M Cache, up to 3.60 GHz) - Intel® Core™ i5-6600T Processor (6M Cache, up to 3.50 GHz) - Intel® Core™ i3-6300T Processor (4M Cache, 3.30 GHz) - Intel® Xeon® Processor E3-1275 v5 (8M Cache, 3.60 GHz) • Package Type: FCLGA1151
BIOS	<ul style="list-style-type: none"> • uEFI BIOS. 64Mbit FlashROM with DOS and Windows update utility support.
System Memory	<ul style="list-style-type: none"> • Two DDR4 1866/2133 Mhz DIMM Module up to 32GB • Supports Non ECC Memory only
Chipset	<ul style="list-style-type: none"> • Intel® C236 Express chipset
Video	<ul style="list-style-type: none"> • 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 th ernet	<ul style="list-style-type: none"> • 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 style="list-style-type: none"> • 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. • 8bits Digital I/O • One SMBus interface • PS2 KB and MS. (Optional)
OS Supported	<ul style="list-style-type: none"> • Programmable watchdog timer for 1~255 seconds.
Watchdog Timer	<ul style="list-style-type: none"> • On-board RTC with 242 bytes of Battery-back CMOS RAM.
CMOS	<ul style="list-style-type: none"> • RealTek® ALC262 High-Definition Audio chip on-board. • Support Line-in, MIC-in, Front, Rear, Center/Subwoofer
Audio	<ul style="list-style-type: none"> • Infineon TPM 1.2 on board supports security functions
Power	<ul style="list-style-type: none"> • Standard 20Pin + 4pin ATX power supply • Support both AT and ATX mode.
Power Requirement	
Power Supply	<ul style="list-style-type: none"> • Industrial Auto Range 300W Power Supply

Mechanical & Environment

Drive Bay	• Two 2.5" Hard Disk Bays
Dimension	• 550.8W x 373.1(H) 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	• 2x 40mm
Front Bezel protection	• IP65 Compliant

Ordering Information

PPC-Ci220-N7091-C101	Intel® 7th/6th Generation Xeon®/Core® i7/i5/i3 Processor Socket 1151 Desktop Processor C236 Chipset Based 22" 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
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Dimension

