

PPC-Ci220-N7091

Intel® 6th Generation Core™ i7/ i5/ i3/ Xeon®
E3-1200v5 Socket 1151 Desktop Processor Q236
Chipset Based 22" LCD Panel PC with 4 USB 2.0/6
USB 3.0/6x COM Ports/DVI /Dual Gigabit LAN



FEATURES

- Intel® 6th Generation Core™ i7/ i5/ i3/ Xeon® E3-1200v5 Desktop socket 1151
- Intel® Q236 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: 4x USB 2.0, 6x USB 3.0, 6x COM ports, 4x SATA
- Expansion: PCIe x16 slot, 1x Mini-PCIe socket & 1x Half Size Mini PCIe socket
- Bay: 1x Slim SATA DVD/RW, 2x 2.5" HDD (Internal) Bays

Introduction

PPC-Ci220-N7091 Industrial Panel PC supporting Intel® 6th Generation Intel® Skylake™ i7 / i5 / i3 series and Xeon® E3-1200 v5 Desktop Processor. PPC-Ci220-N7091 comes with 22" LCD Display. PPC-Ci220X-N7091 supports one Slim DVD/RW and Two 2.5" Hard Disk, 6x COM Port, 4 x USB 2.0, 6 x USB 3.0 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.

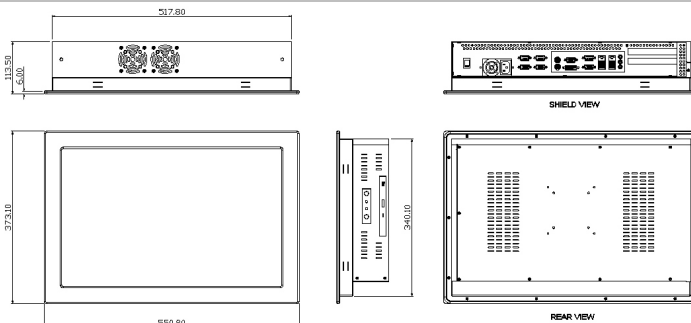
Specification

Model	PPC-Ci220-N7091
LCD	
Resolution	1680x1050 (WSXGA+)
Brightness	250 cd/m2
Contrast Ratio	2000:1
Viewing Angle	178x178
Backlight	LED
Backlight MTBF	30000Hrs
System	
Processor	6th Generation Intel® Skylake™ 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	uEFI BIOS. 64Mbit FlashROM with DOS and Windows update utility support.
System Memory	- Two DDR4 1866/2133 Mhz DIMM Module up to 32GB - Supports Non ECC Memory only
Chipset	Intel® Q236 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
Ethernet	- 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. Four 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)
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 chip on-board. - Support Line-in, MIC-in, Front, Rear, Center/Subwoofer
TPM	Infineon TPM 1.2 on board supports security functions
Power	- Standard 20Pin + 4pin ATX power supply - Support both AT and ATX mode.
Power Requirement	
Power Supply	Industrial Auto Range 300W Power Supply
Mechanical & Environment	
Drive Bay	One Slim DVD/RW & two 2.5" Hard Disk Bays
Dimension	550.8(W) 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-C100	Intel® 6 th Generation Intel® Skylake™ i7 / i5 / i3 series and Xeon® E3-1200 v5 Desktop Processor Q236 Chipset Based 22" LCD Panel PC 250cd/m² with 4 USB 2.0/6 USB 3.0/6x COM Ports/VGA /Dual Gigabit LAN, 300W Power Supply ARG Protection and Sensor & Slim Socket 1151 CPU Cooler
PPC-Ci220-N7091-C101	Intel® 6 th Generation Intel® Skylake™ i7 / i5 / i3 series and Xeon® E3-1200 v5 Desktop Processor Q236 Chipset Based 22" LCD Panel PC 250cd/m² with 4 USB 2.0/6 USB 3.0/6x COM Ports/VGA /Dual Gigabit LAN, 300W Power Supply/USB Touch Screen Controller and Sensor & Slim Socket 1151 CPU Cooler
PPC-Ci220-N7091-C102	Intel® 6 th Generation Intel® Skylake™ i7 / i5 / i3 series and Xeon® E3-1200 v5 Desktop Processor Q236 Chipset Based 22" LCD Panel PC 250cd/m² with 4 USB 2.0/6 USB 3.0/6x COM Ports/VGA /Dual Gigabit LAN, 300W Power Supply/RS-232 Touch Screen Controller and Sensor & Slim Socket 1151 CPU Cooler

Dimension



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