

PPC-Ci220-N7094

Intel® 9th/8th Generation Core™ i7/i5/i3 Processor
 Socket 1151 Desktop Processor Q370 Chipset
 Based 22" LCD Panel PC with 4 USB 3.1/ 6 USB
 2.0/ 6x COM Ports/ VGA/ DVI/ Dual Gigabit LAN



FEATURES

- Intel® 9th/8th Generation Core™ Desktop Processors
- Two Dual-channel DDR4 2666Mhz Memory Modules. Max. up to 32GB memory
- Dual Intel® PCI Express Gigabit Ethernet controllers (i210AT and I219LM)
- Integrated Intel® HD Graphics with VGA, DVI-I, HDMI, LVDS connectors
- Realtek® ALC262 High Definition Audio chip on-board
- Multi I/O: 4x USB 3.1, 6x USB 2.0, 6x COM ports, 3x SATA 3.0
- Expansion Slot: 1 PCIe x16, 1 Mini PCIe socket support mSATA, 1 Half size Mini PCIe slot and 1 SIM Slot
- Bay: 2x 2.5" HDD (Internal) Bays

Introduction

PPC-Ci220-N7094 Industrial Panel PC supporting Intel® 9th/8th Generation Core™ i7/i5/i3 Processor Socket 1151 Desktop Processor. PPC-Ci220-N7094 comes with 22" LCD Display. PPC-Ci220X-N7094 supports one Slim DVDRW and Two 2.5" Hard Disk, 6x COM Port, 4 x USB 3.1, 6 x USB 2.0 and one PCIe x16 expansion slot. PPC-Ci220-N7094 is ideal for developing high-performance systems for industrial control and Automation, retail, gaming, print imaging and digital signage.

Specification

LCD	
Model	PPC-Ci220-N7094
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"> • Intel® Core™ i7-8700 Processor 12M Cache, up to 4.60 GHz (65W) • Intel® Core™ i5-8400 Processor 9M Cache, up to 4.00 GHz (65W) • Intel® Core™ i3-8100 Processor 6M Cache, 3.60 GHz (65W) • Intel® Pentium® G5500 Processor 4M Cache, 3.80 GHz (54W) • Intel® Celeron® G4900 Processor 2M Cache, 3.10 GHz (54W)
BIOS	• Insyde BIOS
System Memory	• Dual DDR4 DIMM 2666 MHz up to 32GB, Support Non-ECC, unbuffered memory only (Core i3, Pentium, Celeron CPU support 2400 MHz only)
Chipset	• Intel® Q370
Video	<ul style="list-style-type: none"> • Intel® UHD Graphics • Display ports: x DVI, 1 x DisplayPort (optional), 1 x LVDS, 1 x HDMI, 1 x VGA
Ethernet	<ul style="list-style-type: none"> • 1x Intel® I219-LM Gigabit PHY LAN (Support iAMT12.0) • 1x Intel® I210-AT Gigabit LAN
On Board I/O	<ul style="list-style-type: none"> • 6x Serial ports <ul style="list-style-type: none"> - 2x RS-232/422/485 selectable – Rear - 4x RS-232– Internal Header • 3x SATA 3.0 ports with data transfer rate up to 6Gb/s • Integrated Advanced Host Controller Interface (AHCI) controller • 10 USB Ports <ul style="list-style-type: none"> - 4 x USB3.1 Gen2 - 4 x USB2.0, 2 x USB3.1 Gen2 (Internal Header) • 1x 8 bit Digital I/O
OS Supported	• Microsoft® Windows 10 only
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
Power	<ul style="list-style-type: none"> • Standard 24pin ATX Power Supply and 4 Pin 12V • Support both AT and ATX mode.
Power Requirement	
Power Supply	• Industrial Auto Range 300W Power Supply

Mechanical & Environment

Drive Bay	• 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-N7094-C101	Intel® 9 th /8 th Generation Core™ i7/i5/i3 Processor Socket 1151 Desktop Processor Q370 Chipset Based 22" LCD Panel PC 300cd/m ² with 4 USB 3.1/6 USB 2.0/6x COM Ports/VGA /Dual Gigabit LAN, 300W Power Supply/USB Touch Screen Controller and Sensor & Slim Socket 1155 CPU Cooler
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Dimension

