

PPC-Ci150-N7088

Intel® 4th Generation Core™ i7/i5/i3/ Celeron® Processor Socket 1150 Desktop Processor Q87 Chipset Based 15" LCD Panel PC with 4 USB 2.0/6 USB 3.0/4x COM Ports/VGA /Dual Gigabit LAN



Introduction

PPC-Ci150-N7088 Industrial Panel PC supporting Intel® Core™ i7/i5/i3 Processor Socket 1150 Desktop Processor. PPC-Ci150-N7088 comes with 15" LCD Display. PPC-Ci150X-N7088 supports one Slim DVDRW and Two 2.5" Hard Disk, 4x COM Port, 4 x USB 2.0, 6 x USB 3.0 and one PCIe x16 expansion slot.

PPC-Ci150-N7088 is ideal for developing high-performance systems for industrial control and Automation, retail, gaming, print imaging and digital signage.

Specification

Model	PPC-Ci150-N7088
LCD	
Resolution	1024x768 (XGA)
Brightness	350 cd/m ²
Contrast Ratio	700:1
Viewing Angle	160/140
Backlight	LED
Backlight MTBF	50000Hrs
System	
Processor	<ul style="list-style-type: none"> 4th Generation Intel® Core™ processors (22nm process technology) LGA 1150 socket
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"> Four 240-pin DDR3/DDR3L DIMM sockets Supports DDR3/DDR3L 1333/1600MHz when operating at 1.5V Supports dual channel memory interface Supports up to 16GB system memory DRAM device technologies: 1Gb, 2Gb and 4Gb DDR3 DRAM technologies are supported for x8 and x16 devices, unbuffered, non-ECC
Chipset	Intel® Q87 Express Chipset
Video	<ul style="list-style-type: none"> Intel® HD Graphics Display ports: DisplayPort and DVI-I DVI-I supports up to 1920x1200 @ 60Hz resolution DisplayPort supports up to 3840x2160@60Hz resolution VGA display resolution up to 1920x1200 pixels with 24-bit color@ 60Hz Intel® Clear Video Technology Supports 20 Graphics Execution Units (EUs) Intel® Advanced Vector Extensions (Intel® AVX) Instructions DirectX Video Acceleration (DXVA) support for accelerating video processing Supports DirectX 11.1 and OpenGL 4.0
Ethernet	<ul style="list-style-type: none"> Intel® I210 PCI Express Gigabit Ethernet controller Intel® I217LM with iAMT9.0 Gigabit Ethernet Phy Integrated 10/100/1000 transceiver Fully compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
On Board I/O	<ul style="list-style-type: none"> 1x Connector for PS/2 Mouse/Keyboard 4 x Serial ports (1x RS-232/422/485 selectable) 1 x SPDIF 4 SATA 3.0 ports with data transfer rate up to 6Gb/s Integrated Advanced Host Controller Interface (AHCI) controller RAID 0, 1, 5, 10 10 USB: 6 USB 3.0, 4USB 2.0 ports 1x 8 bit Digital I/O
Watchdog Timer	<ul style="list-style-type: none"> Programmable watchdog timer for 1~255 seconds.
CMOS	<ul style="list-style-type: none"> On-board RTC with 242 bytes of Battery-back CMOS RAM.
Audio	<ul style="list-style-type: none"> Realtek® ALC888 High Definition Audio Audio outputs: Mic-in, line-in and line-out SPDIF audio interface
Power	<ul style="list-style-type: none"> Standard 20Pin + 4pin ATX power supply Support both AT and ATX mode.
Cooling	<ul style="list-style-type: none"> One CPU cooling FAN connector nearby CPU socket One system cooling FAN connectors for chassis or power supply cooling.
Power Requirement	
Power Supply	<ul style="list-style-type: none"> Industrial Auto Range 300W Power Supply

FEATURES

- Intel® 4th Generation Intel® Core™ i7/i5/i3 Processor in Socket 1150
- Two 240-pin DIMM sockets Dual-channel DDR3 1066/1333/1600 SDRAM. Max. up to 16 GB memory
- Intel® Q87 Express chipset
- Intel® I210 & I217LM on board for Dual GbE LAN
- Integrated Intel® HD Graphics with DVI-I/DisplayPort connectors
- Realtek® ALC888 High Definition Audio chip on-board
- Multi I/O: 6x USB 3.0, 4x USB 2.0, 4x COM ports, 4x SATA 3.0
- Expansion Slot: 1 PCIe x16, 2 Mini PCIe socket
- Bay: 1x Slim SATA DVDRW, 2x 2.5" HDD (Internal) Bays

Mechanical & Environment

Drive Bay	<ul style="list-style-type: none"> One Slim DVDRW & Two 2.5" Hard Disk Bays
Dimension	<ul style="list-style-type: none"> 379(W) x 303(H) x 107.50(D) mm
Weight	<ul style="list-style-type: none"> Gross 11kg
Operation temperature	<ul style="list-style-type: none"> 0°C to 60°C (32° F to 140° F)
Storage temperature	<ul style="list-style-type: none"> -20°C to 80°C (-68° F to 176° F)
Relative humidity	<ul style="list-style-type: none"> 5% to 95% (Non-Condensing)
Vibration	<ul style="list-style-type: none"> 5-17Hz 0.1" double amplitude displacement 17-640Hz 1.5G Acceleration peak to peak
Shock	<ul style="list-style-type: none"> 10G acceleration peak to peak (11ms)
Additional Chassis FAN	-
Front Bezel protection	<ul style="list-style-type: none"> IP65 Compliant

Ordering Information

PPC-Ci150-N7088-C100	Intel® 4 th Generation Core™ i7/i5/i3 Processor Socket 1150 Desktop Processor Q87 Chipset Based 15" LCD Panel PC 350cd/m ² with 4 USB 2.0/6 USB 3.0/4x COM Ports/VGA /Dual Gigabit LAN, 300W Power Supply/USB Touch Screen Controller and Sensor & Slim Socket 1155 CPU Cooler
PPC-Ci150-N7088-C101	Intel® 4 th Generation Core™ i7/i5/i3 Processor Socket 1150 Desktop Processor Q87 Chipset Based 15" LCD Panel PC 350cd/m ² with 4 USB 2.0/6 USB 3.0/4x COM Ports/VGA /Dual Gigabit LAN, 300W Power Supply/USB Touch Screen Controller and Sensor & Slim Socket 1155 CPU Cooler
PPC-Ci150-N7088-C102	Intel® 4 th Generation Core™ i7/i5/i3 Processor Socket 1150 Desktop Processor Q87 Chipset Based 15" LCD Panel PC 350cd/m ² with 4 USB 2.0/6 USB 3.0/4x COM Ports/VGA /Dual Gigabit LAN, 300W Power Supply/RS-232 Touch Screen Controller and Sensor & Slim Socket 1155 CPU Cooler

Dimension

