PPC-Ci190-N7081

Intel® 3rd/2nd Generation Core™ i7/i5/i3 Processor Socket 1155 Desktop Processor Q77 Chipset Based 19" LCD Panel PC 4 USB 2.0/ 4x USB 3.0/ 4x COM Ports/ VGA/ DVI / Dual Gigabit LAN
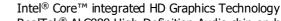
FEATURES

- Intel® 3rd/2nd Generation Core™ i7/ i5/ i3/ Socket 1155 Processor
- Intel® Q77 Express chipset
- Two DDR3 1006/1333/1600 MHz up to 16 GB
- One Intel® 82574L Giga LAN and One Intel® 82579LM Giga LAN
- Intel® Core™ integrated HD Graphics Technology
- RealTek® ALC888 High-Definition Audio chip on-board
- Multi I/O: 4xUSB 2.0, 4xUSB 3.0, 4x COM ports, 4x SATA
- Expansion: 1xPCI-Express x16 slot, 1x Mini-PCIe sockets, 1 1x Mini PCI
- Standard 24-pin ATX & 4 pin 12V Power Supply
- Bay: 2x 2.5" HDD (Internal) Bays

Introduction

PPC-Ci190-N7081 Industrial Panel PC supporting Intel® 3rd/2nd Generation Core™ i7/i5/i3 Processor Socket 1155 Desktop Processor. PPC-Ci190-N7081 comes with 19" LCD Display. PPC-Ci190X-N7081 supports two 2.5" Hard Disk, 4x COM Port, 4 x USB 3.0, 4 x USB 2.0 and one PCIe x16 expansion slot.

PPC-Ci190-N7081 is ideal for developing high-performance systems for industrial control and Automation, retail, gaming, print imaging and digital signage.

Specification

Model	PPC-Ci190-N7081
LCD	
Resolution	1280x1024 (SXGA)
Brightness	300 cd/m²
Contrast Ratio	1000:1
Viewing Angle	178/178
Backlight	LED
Backlight MTBF	35000Hrs
System	
Processor	• Intel® 3rd/2nd Generation Core™ i7/i5/i3 ® Socket 1155 processor
BIOS	• Pheonix Secure core Tiano.
System Memory	• Two DDR3 1066/1333/1600 SO-DIMM up to 16 GB
Chipset	• Intel® Q77 Express chipset
Video	• Intel® Core i processors integrated HD graphics engine. • Onboard DSUB15 connector for VGA interface • Onboard 20-pin DVI interface
Ethernet	• One Intel® 82574L & One Intel® 82579LM Gigabit Ethernet Controller • Support Wake-on-LAN, Remote Boot with PXE and RTL.
On Board I/O	• Winbond W83627DHG-P LPC I/F Super I/O chip. • Four serial ports as COM1~COM4. COM2 is RS232/422/485 selectable by jumper with auto-flow control. • Four USB 2.0 & Four USB 3.0 Ports • Two SATA-III and Two SATA-II ports support IDE, AHCI, RAID. • Onboard programmable 8-bit Digital I/O interface
Watchdog Timer	• Programmable watchdog timer for 1~255 seconds.
CMOS	• On-board RTC with 242 bytes of Battery-back CMOS RAM.
Audio	• Realtek® ALC888 high-definition audio chip on-board. • Support Line-OUT, Line-IN, MIC, SPDIF and 2.5W audio amplifiers.
Power	• Standard ATX power connectors for system power. • Support both AT and ATX mode.
Cooling	• One CPU cooling FAN connector nearby CPU socket • One system cooling FAN connectors for chassis or power supply cooling.
Power Requirement	
Power Supply	• Industrial Auto Range 300W Power Supply

Mechanical & Environment

Drive Bay	• Two 2.5" Hard Disk Bays
Dimension	• 451(W) x 376(H) x 112.50(D) mm
Weight	• Gross 15kg
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	-
Front Bezel protection	• IP65 Compliant

Ordering Information

PPC-Ci190-N7081-C101	Intel® 3rd/2nd Generation Core™ i7/i5/i3 Processor Socket 1155 Desktop Processor Q77 Chipset Based 19" LCD Panel PC 300cd/m² with 4 USB 3.0/ 4 USB 2.0/ 4 COM Ports/ VGA / DVI/ Dual Gigabit LAN, 300W Power Supply/USB Touch Screen Controller and Sensor & Slim Socket 1155 CPU Cooler

Dimension

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