PPC-Ci190-N7087

Intel® Core™ i7/i5/i3/Xeon®/Pentium®/Celeron® Processor Socket 1155 Desktop Processor Q77 Chipset Based 19" LCD Panel PC with 6 USB 2.0/4 USB 3.0/4x COM Ports/VGA /Triple Gigabit LAN

FEATURES

- Intel® 3rd/2nd Generation Core™ i7/ i5/ i3/ Xeon®/ Pentium®/Celeron® Desktop socket 1155
- Intel® Q77 Express chipset
- Two DDR3 SO-DIMM 1006/1333/1600 MHz up to 16 GB
- One Intel® 82574L Giga LAN and Two Intel® 82579LM Giga LAN
- Intel® Core™ integrated HD Graphics 4000 Technology
- RealTek® ALC888 High-Definition Audio chip on-board
- Multi I/O: 6xUSB 2.0, 4xUSB 3.0, 4x COM ports, 6x SATA
- Expansion: PCIe x16 slot. Supports x1, x4, x8, x16 configurations. & 2x Mini-PCIe sockets
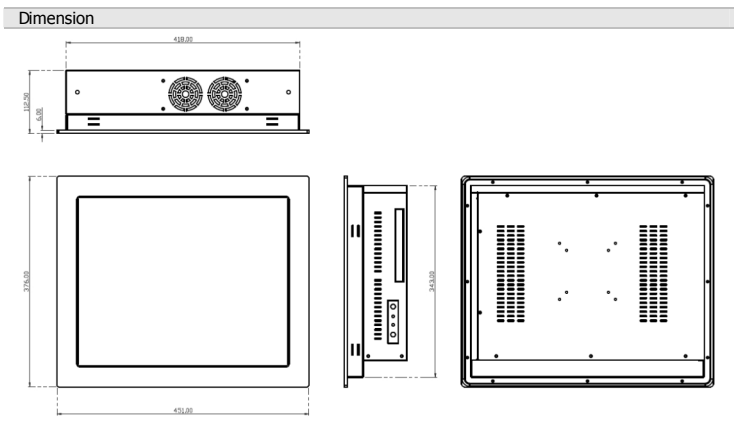- Bay: 1x Slim SATA DVDRW, 2x 2.5" HDD (Internal) Bays

Introduction

PPC-Ci190-N7087 Industrial Panel PC supporting Intel® Core™ i7/i5/i3/Xeon®/Pentium®/Celeron® Processor Socket 1155 Desktop Processor. PPC-Ci190-N7087 comes with 19" LCD Display. PPC-Ci190X-N7087 supports one Slim DVDRW and Two 2.5" Hard Disk, 4x Com Port, 6 x USB 2.0, 4 x USB 3.0 and one PCIe x16 expansion slot.
PPC-Ci190-N7087 is ideal for developing high-performance systems for industrial control and Automation, retail, gaming, print imaging and digital signage.

Specification

Model	PPC-Ci190-N7087
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/ Xeon®/ Pentium®/Celeron® Desktop socket 1155
BIOS	• uEFI BIOS. 64Mbit FlashROM with DOS and Windows update utility support.
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. • VGA, HDMI, DisplayPort on rear I/O. • One 40-pins connector to support up to dual-24bits LVDS LCD
Ethernet	• One Intel® 82574L & Two Intel® 82579LM Gigabit Ethernet Controller • Support Wake-on-LAN, Remote Boot with PXE and RTL.
On Board I/O	• Four serial ports as COM1~COM4. COM1 is RS232/422/485 selectable by jumper with auto-flow control. • Two SATA-III and four SATA-II ports support IDE, AHCI, RAID. • Support four USB3.0 ports. Two ports are on rear I/O. • Support six USB2.0 ports. Two ports are on rear I/O. • One Parallel port supports SPP/ECP/EPP mode. • 16bits Digital I/O • One SMbus interface • PS2 KB and MS.
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, CD-IN and Surrounding sounds with pin-headers.
Power	• One 20pins power connector for system power. • One ATX-12V 4-pins connector for CPU 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	• One Slim DVDRW & 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)
Vibration	• 5-17Hz 0.1" double amplitude displacement • 17-640Hz 1.5G Acceleration peak to peak
Shock	• 10G acceleration peak to peak (11ms)
Additional Chassis FAN	-
Front Bezel protection	• IP65 Compliant

Ordering Information

PPC-Ci190-N7087-C100	Intel® Core™ i7/i5/i3/Xeon®/Pentium®/Celeron® Processor Socket 1155 Desktop Processor Q77 Chipset Based 19" LCD Panel PC with 6 USB 2.0/4 USB 3.0/4x COM Ports/VGA /Triple Gigabit LAN, 300W Power Supply ARG Protection and Sensor & Slim Socket 1155 CPU Cooler
PPC-Ci190-N7087-C101	Intel® Core™ i7/i5/i3/Xeon®/Pentium®/Celeron® Processor Socket 1155 Desktop Processor Q77 Chipset Based 19" LCD Panel PC 300cd/m² with 6 USB 2.0/4 USB 3.0/4x COM Ports/VGA /Triple Gigabit LAN, 300W Power Supply/USB Touch Screen Controller and Sensor & Slim Socket 1155 CPU Cooler
PPC-Ci190-N7087-C102	Intel® Core™ i7/i5/i3/Xeon®/Pentium®/Celeron® Processor Socket 1155 Desktop Processor Q77 Chipset Based 19" LCD Panel PC 300cd/m² with 6 USB 2.0/4 USB 3.0/4x COM Ports/VGA /Triple Gigabit LAN, 300W Power Supply/RS-232 Touch Screen Controller and Sensor & Slim Socket 1155 CPU Cooler

Dimension