

PPC-CQ190-N7063

Intel® Core™ 2 Quad/Duo Desktop Processor
Q35 Chipset Based 19" LCD Panel PC with 10
USB 2.0 /4x COM Ports/ VGA / Dual Gigabit LAN



FEATURES

- Intel® Core™ 2 Quad/Duo processor
- FSB 800/1066/1333Mhz & LGA1156 socket.
- Two 240-pin DIMM sockets Dual-channel DDR2 667/800 SDRAM. Max. up to 4 GB memory
- Two Realtek® RT8111C on board for Dual GbE LAN
- Intel® Integrated Q35 GMA 3100 Graphics
- RealTek® ALC888 High-Definition Audio chip on-board
- Multi I/O: 10 x USB2.0, 4x COM ports, 4x SATA, 1x IRDA
- Bay: 1x Slim SATA DVDRW, 2x 2.5" HDD (Internal) Bays
- Expansion: 1x PCI 32bit slot

Introduction

PPC-CQ190-N7063 Industrial Panel PC supporting Core™ 2 Quad/Duo Desktop Processor. PPC-CQ190-N7063 comes with 19" LCD Display. PPC-CQ190X-N7072 supports one Slim DVDRW and two 2.5" Hard Disk, 6x Com Port, 10 x USB 2.0 and one PCI expansion slot. PPC-CQ190-N7063 is ideal for developing high-performance systems for industrial control and Automation, retail, gaming, print imaging and digital signage.

Specification

LCD	
Model	PPC-CQ190-N7063
Resolution	1280x1024 (SXGA)
Brightness	300 cd/m ²
Contrast Ratio	2000:1
Viewing Angle	178/178
Backlight	CCFL
Backlight MTBF	50000Hrs
System	
Processor	<ul style="list-style-type: none"> Intel® Core™ 2 Quad - Q9000, Q6000 Series Intel® Core™ 2 Duo - E8000, E6000, E4000 Series Intel® Pentium® Dual Core™ - E2000 Series Intel® Celeron® 400 Series LGA 775 Package
BIOS	<ul style="list-style-type: none"> Award Standard PnP Flash BIOS 6.0. 8Mbit FlashROM with BootBlock for Fail-safe.
System Memory	<ul style="list-style-type: none"> Two 240-pin DIMM sockets Dual-channel DDR2 667/800 SDRAM. Max. up to 4 GB memory
Chipset	Intel® Q35 + ICH9DO
Video	<ul style="list-style-type: none"> Intel® Q35 Integrated GMA3100 Graphic Engine. Support DVMT 4.0 for memory allocation up to 256MB. One D-Sub connector on rear panel for CRT display.
Ethernet	Two Realtek® RT8111C on board for Dual GbE LAN
On Board I/O	<ul style="list-style-type: none"> Winbond 83627HF LPC I/F Super I/O chip. Four serial ports as COM1~COM4. COM2 is RS232/422/485. One IrDA port Four SATA-II ports support RAID0, RAID 1, RAID 5, and RAID10. One PIDE 40-pins connector support two devices and up to ATA133 speed Ten USB 2.0 (4 x USB2.0. External, 6 x USB2.0 Internal)
Watchdog Timer	Programmable watchdog timer for 1~255 seconds.
CMOS	On-board RTC with 242 bytes of Battery-back CMOS RAM.
Audio	<ul style="list-style-type: none"> RealTek ALC888 High-Definition Audio chip on-board. Support Line-OUT, Line-IN, MIC, SPDIF, CD-IN and Surrounding sounds with pin-headers.
Power	<ul style="list-style-type: none"> One 20pins power connector for system power. One ATX-12V 4-pins connector for CPU power. 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	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	<ul style="list-style-type: none"> 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	2x 40mm
Front Bezel protection	IP65 Compliant

Ordering Information

PPC-CQ190-N7063	Intel® Core™ 2 Quad/Duo Desktop Processor Q35 Chipset Based 19" LCD 300cd/m ² Panel PC with Resistive Touch screen, 10 USB 2.0 / 4x COM Ports/ VGA / Dual Gigabit LAN/300W Power Supply and Slim Socket LGA775 CPU Cooler
PPC-CQ190-N7063-ARG	Intel® Core™ 2 Quad/Duo Desktop Processor Q35 Chipset Based 19" LCD 300cd/m ² Panel PC with Resistive Touch screen, 10 USB 2.0 / 4x COM Ports/ VGA / Dual Gigabit LAN/300W Power Supply and Slim Socket LGA775 CPU Cooler
PPC-CQ190-N7063-IP65	Intel® Core™ 2 Quad/Duo Desktop Processor Q35 Chipset Based 19" LCD 300cd/m ² Panel PC with Resistive Touch screen, 10 USB 2.0 / 4x COM Ports/ VGA / Dual Gigabit LAN/300W Power Supply and Slim Socket LGA775 CPU Cooler
PPC-CQ190-N7063-ARG-IP65	Intel® Core™ 2 Quad/Duo Desktop Processor Q35 Chipset Based 19" LCD 300cd/m ² Panel PC with Resistive Touch screen, 10 USB 2.0 / 4x COM Ports/ VGA / Dual Gigabit LAN/300W Power Supply and Slim Socket LGA775 CPU Cooler

Important Note: For Products with IP65, the OSD button is at the back of the system. OSD button in the front are non-IP65 Products.

Dimension

