

CI270CW Series

Application

Embedded Car PC / POS / ATM / Kiosk / Panel PC application

Features



Ordering Information

- . CI270C-2G-H16-00 2 x Realtek GbE, 1GB on board memory, no LVDS
- . CI270C-2G-000-00 2 x Realtek GbE, SODIMM, no LVDS
- . CI270C-TG-H16-00 2 x Realtek GbE, 1GB on board memory and LVDS, Touch
- . CI270C-TG-000-00 2 x Realtek GbE, SODIMM, LVDS, Touch
- . CI270CW-TG-H16-00 2 x Realtek GbE, 1GB on board memory, Wide Range DC-IN

Specifications

MODEL	CI270CW Series
CPU Type	Intel Atom N270 1.6 GHz processor
Front Side Bus	533 MHz
MB Chipset	Intel 945 GSE + ICH7M (82801 GBM)
BIOS	Award BIOS
Graphics	Integrated with Intel 945 GSE Dynamic Video Memory Technology (DVM T 3.0)
LVDS (option)	Data format of 18 bits
System Memory	On board DDR2 SDRAM 1GB 1 x DDR2 SO-DIMM socket (max. 2GB) (option)
NAND Flash Memory	CF Card Type 2 socket for ATA interface On board SSD 2 / 4 / 8 GBytes (option)
IDE	Ultra ATA 100 / 66 / 33, 1 x 40 pin 2.54mm
SATA	2 x SATA ports
Audio	Intel HD Audio Specification Rev. 1.0 Compliant Support Line-out / Mic-in / Line-in
LAN	2 x Intel 82574L or Realtek RLT8111C 10 / 100 / 1000 Mbps.
USB	8 x USB 2.0 (4 external + 4 internal)
IO Function	5 x RS232 or RS485 (option) + 1 RS422 / 485 or RS232 (option)
DVI	Support DVI-D. Transmitter up to 165M pixels / sec.
Audio Amplifier (option)	Two channels Audio Amplifier 6W/CH Class-D operation into an 8-Ω Load from a 12-V Supply
Touch Screen (option)	USB interface Touch screen controller Support 4- , 5- , 8- wire Analog Resistive Touch screen USB 1.1 full speed sample rate maximum of 300 point / sec
DIO & WDT	Hardware digital Input & Output, 8 x DI / 8 x DO Hardware Watch Dog Timer, 0~255 sec programmable
Expansion Interface	1 x Mini PCI socket 1 x PCIe mini card for PCIe & USB interface 1 x PCI gold finger (with RS007 / RS009 PCI Riser Card upgrade to 2 x PCI card) (with RS010 / RS011 Riser Card support PCIe x 1 interface)
Power	DC +12V ± 5% convert to +3.3V / +5V / +12V for system Wide range DC-IN from +6V to +36V (option)
Dimension	200 x 150 mm
Operation Temperature	0 ~ 60 °C
Operation Humidity	5 ~ 95% @ 60 °C, non-condensing

Testing environment

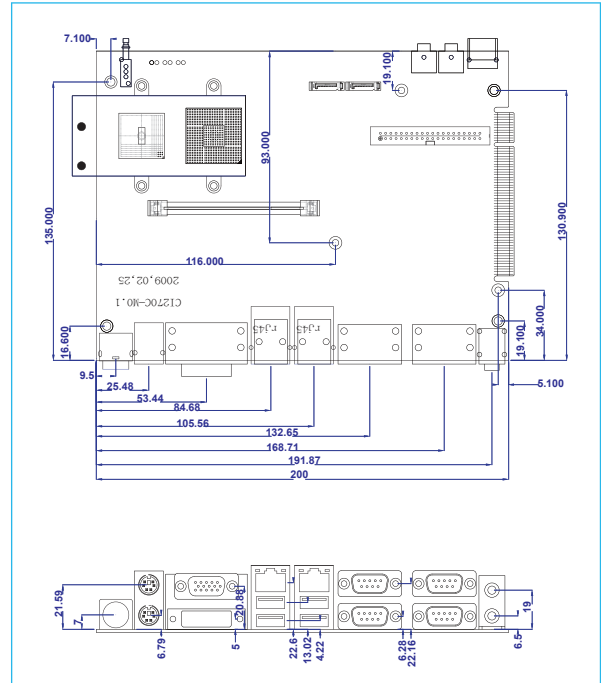
Model name: **CI270C-2G-H16-00**
 CPU: Intel Atom N270 1.6 GHz
 Chipset: Intel 945GSE+ ICH7M
 OS: WIN XP
 Testing Program: 3D Mark 2001

Chassis	Fanless solution with CF card					8.4" ~ 15" Slim Panel PC
	Wall Mount	Light	TINO	NEO	Twister	
Temperature						
0°C~50°C	Pass	Pass	Pass	Pass	Pass	Pass
55°C	—	—	Pass	Pass	Pass	Pass
60°C	—	—	—	—	Pass	—

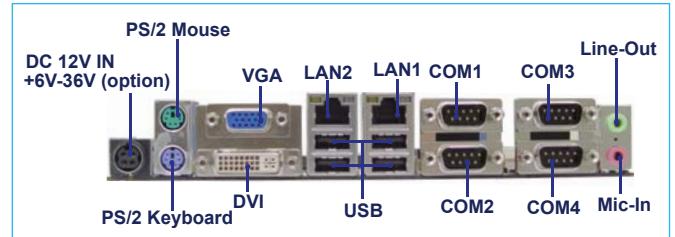
Chassis	Fanless solution with 2.5" HDD					8.4" ~ 15" Slim Panel PC
	Wall Mount	Light	TINO	NEO	Twister	
Temperature						
0°C~40°C	Pass	Pass	Pass	Pass	Pass	Pass
45°C	—	—	Pass	Pass	Pass	Pass
50°C	—	—	Pass	Pass	Pass	—
55°C	—	—	—	—	Pass	—

Please upgrade the hard drive to industrial grade for better temperature performance.

Dimension



Back Panel



Car PC

Networking

POS / Automation

DVR

Digital Signage / Thin Client

Embedded System

Panel PC