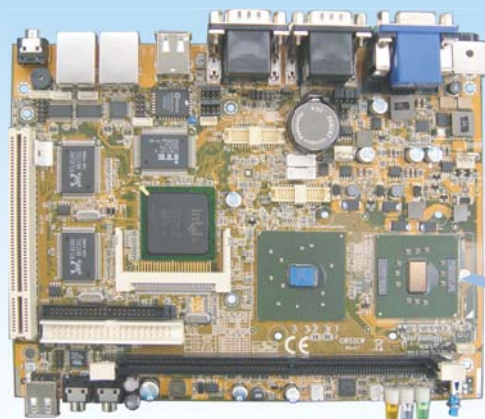
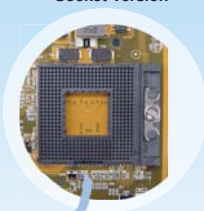




Socket Version



Specifications

- CPU type** Intel Pentium M / Celeron M- Dothan processor
- Front Side Bus** 400 / 533 MHz
- MB Chipset** Intel 82852 GM / 82852 GME (Socket) + ICH4
- Graphics** Integrated with Intel 82852 GM / GME
- Shared system memory up to 64 MB**
- LVDS 1 & 2**
 - LVDS 1 supports data format of 18 bits / 36 bits
 - LVDS 2 supports data format of 18 bits / 24 bits (36 bits / 48 bits option)
- Memory** 1 x DDR SDRAM (max. 1GB)
- IDE** Ultra ATA 100 / 66 / 33, 1 x 40 pin 2.54mm, 1 x 44 pin 2.0mm
- CF Card Type II for ATA interface**
- Audio** AC-Link for Audio CODEC, AC'97 2.3
- LAN** 2 x Realtek 10 / 100 Mbps (optional Realtek / Intel Gigabit)
- IO function**
 - Intel 82541PI or Realtek RLT8100C / RLT8110SB LAN Chip
 - 4 x RS232 or 3 x RS232 + 1 x RS232 / 422 / 485
 - IrDA 1.0 / ASKIR protocol , PS/2 keyboard & mouse
- USB** 5 x USB 2.0 (3 external + 2 internal)
- Audio Amplifier (CI853C option)** 6-W / CH Into an 8-Ω Load from a 12-V Supply
- Up to 92% Efficient, Class-D operation**
- Touch Screen (CI853C option)**
 - USB interface Touch screen controller
 - Supports 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
- Expand interface**
 - 1 x Mini PCI socket
 - 1 x PCI slot (CI853CW), 1 x PCI 104 (CI852CW)
- Power**
 - Wide range DC-IN from +9V to +32V or
 - DC +12V ± 5% convert to +3.3V / +5V / +12V for system
- Dimension** 200 x 150 mm
- Operation Temp.** 0 ~ 60 °C
- Operation Humidity** 5~95% @ 60 °C, non-condensing

Ordering Information

- CI853CW-2R10 Touch Screen, Wide range DC-IN +9V~+32V, Audio Amplifier
- CI853C-2R10/2RXX 2 LAN, Celeron M 1 GHz / Socket 478, +12V
- CI853C-TR10/TRXX 2 LAN, Touch Screen, Celeron M 1 GHz / Socket 478, +12V
- CI852C-2RN10/2RNXX 2 LAN, Celeron M 1 GHz / Socket 478, +12V
- CI852CW-2RN10 2 LAN, Celeron M 1 GHz / Socket 478, Wide range DC-IN +9V~+32V

Testing environment

Model name : CI852CW-2RN10
 CPU : Intel Celeron M 1 GHz
 Chipset : Intel 82852 GM and Intel 82801DB ICH4
 OS : WIN XP
 Testing Program : 3D Mark 2001 SE

Fanless solution with CF card				
Chassis	Light	Neo	Twister	Tino
Temperature				
0°C	Pass	Pass	Pass	Pass
40°C	Pass	Pass	Pass	Pass
45°C	Pass	Pass	Pass	Pass
60°C	Pass	Pass	Pass	Pass

Fanless solution with 2.5" HDD				
Chassis	Light	Neo	Twister	Tino
Temperature				
0°C	Pass	Pass	Pass	Pass
40°C	Pass	Pass	Pass	Pass
45°C	Pass	Pass	Pass	Pass

CI852CW / CI853CW Series

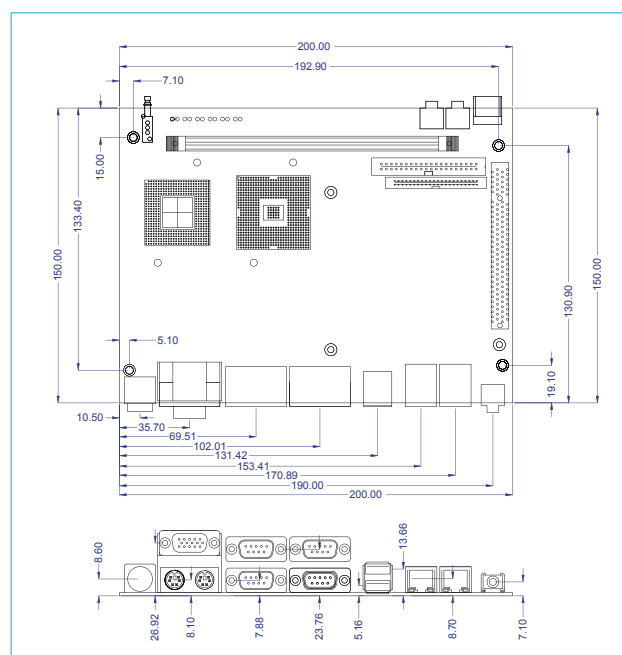
Application

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

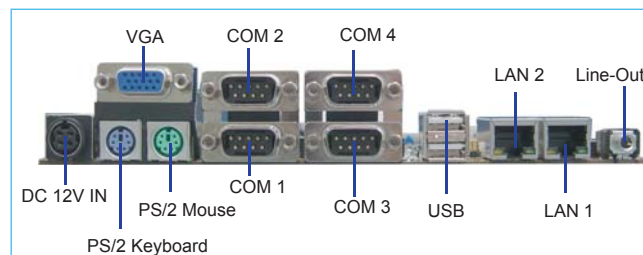
Features



Dimension



Back Panel



Testing environment

Model name : CI852CW-2RNXX
 CPU : Intel Pentium M 2.13 GHz
 Chipset : Intel 82852 GME and Intel 82801DB ICH4
 OS : WIN XP
 Testing Program : 3D Mark 2001 SE

Fanless solution with CF card		
Chassis	Twister	Tino
Temperature		
0°C	Pass	Pass
40°C	Pass	Pass
45°C	Pass	Pass
60°C	Pass	Pass

Fanless solution with 2.5" HDD		
Chassis	Twister	Tino
Temperature		
0°C	Pass	Pass
40°C	Pass	Pass