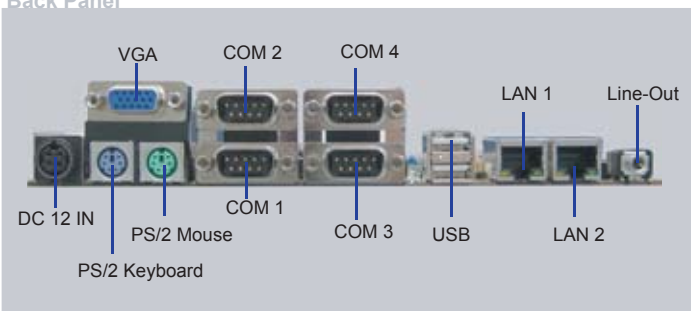


CI853CW Series

Back Panel

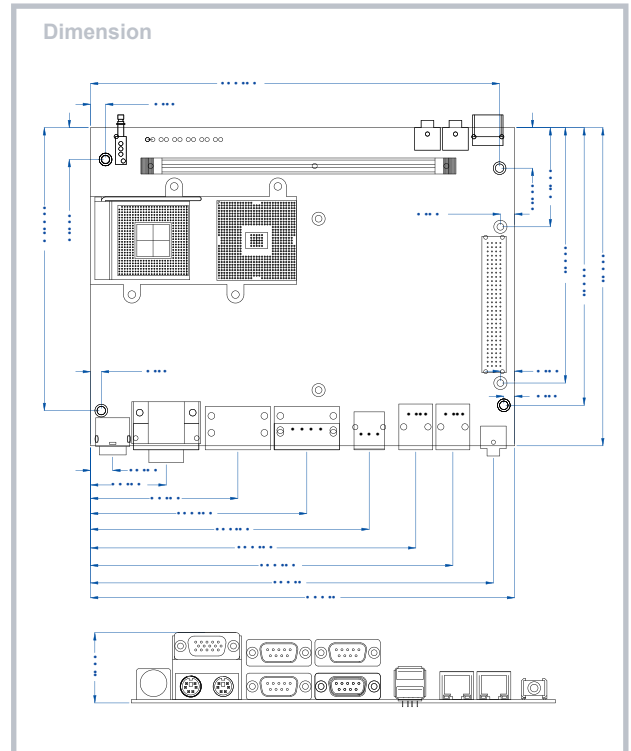


Application Embedded Car PC / POS / ATM / Kiosk / Panel PC solution

Features
 Intel Pentium M/Celeron M solution
 4 COM
 PCI 104 / Mini PCI
 LVDS
 Touch screen controller on board
 Wide range DC-IN
 6W stereo audio amplifier

Specifications

- . CPU type Intel Pentium M / Celeron M- Dothan processor
- . Front Side Bus 400/533 MHz
- . MB Chipset Intel 82852GM / 82852GME + ICH4
- . Graphics Integrated with Intel 82852GM/GME
Shared system memory up to 64MB
- . LVDS1&2(TBD) Supports data format of 18 bits/36 bits (LVDS1)
Support 24bit/48bit outputs (LVDS2)
- . Memory 1 x DDR SDRAM (max. 1GB)
- . IDE Ultra ATA 100/66/33, 1x 40 pin 2.54mm, 1x44 pin 2.0mm
Support Compact Flash card type II for ATA interface
- . Audio AC-Link for Audio CODEC, AC'97 2.1 two channel sound
- . LAN 2 x Realtek 10/100 Mbps (optional Realtek/Intel Gigabit)
- . IO function 4 x RS232 or 3 x RS232 + 1x RS232/422/485
Supports IrDA 1.0/ASKIR protocol
Supports PS2 keyboard and mouse
- . USB 5 x USB 2.0
- . DIO & WDT Hardware digital Input & Output, 8xDI / 8xDO
Hardware Watch Dog Timer, 0~255 sec programmable
- . Audio Amplifier 6-W/CH Into an 8-Ω Load from a 12-V Supply
(option) Up to 92% Efficient, Class-D operation
- . Touch Screen C8051F321USB interface Touch screen controller
(option) Supported 4-, 5-, 8- wire Analog Resistive touch screen.
USB 1.1full speed sample rate of 300 point/s (max.)
- . Expand interface 1 x Mini PCI for only PCI rev: 2.2 interface
1 x PCI
- . Power Wide range DC-IN DC input +9V~+32V or fix to +12V DC input.
Convert into system power +12VAD to +5V±5%, +3.3V±5%, +12V±5%
- . Dimension 200 x 150 mm
- . Operation Temperature : 0 ~ 60°C
- . Operation Humidity : 5~95% @ 60°C, non-condensing



Testing environment

Model name : **CI852CW-2RN10**
 CPU : Intel Celeron M 1GHz
 Chipset : Intel 82852GM and Intel 82801DB ICH
 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

Model name : CI852CW-2RNXX

CPU : Intel Pentium M 2.13GHz
 Chipset : Intel 82852GME and Intel 82801DB ICH
 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

Ordering Information

. CI853CW-2RN10/2RNXX 2 LAN, Celeron M 1GHz/Socket 478