



FI852A Series

Application

Network, POS/Industrial Control, Multimedia, and Surveillance / DVR Solutions

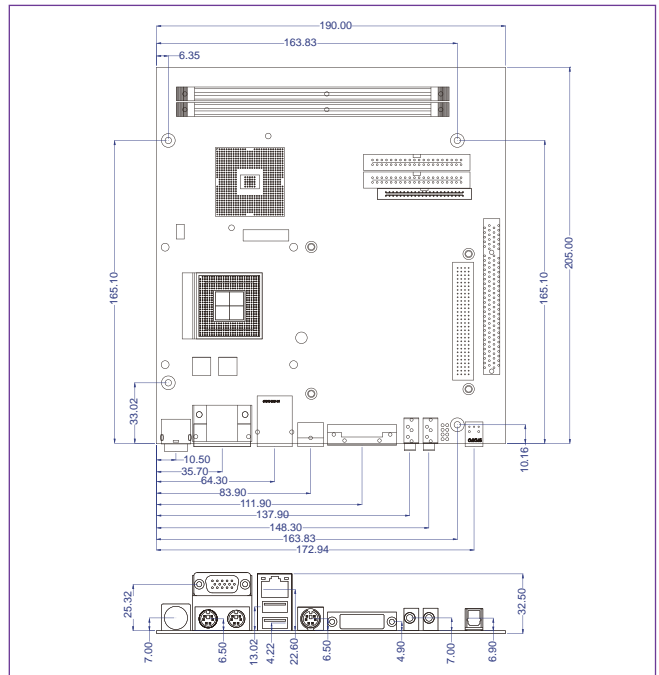
Features



Specifications

- . CPU type Intel Pentium M / Celeron M- Dothan processor
- . Front Side Bus 400 / 533 MHz
- . MB Chipset Intel 82852 GME (Socket) + ICH4
- . Graphics Integrated with Intel 82852 GME
Shared system memory up to 64 MB
- . LVDS Data format of 18 bits / 36 bits
- . Memory 2 x DDR SDRAM (max. 2GB)
- . IDE Ultra ATA 100 / 66 / 33, 2 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
Supports Line-out / Mic-in / SPDIF-out
- . LAN 1 x Realtek 10 / 100 Mbps (optional Realtek / Intel Gigabit)
Intel 82541PI or Realtek RTL8100C / RTL8110SB LAN Chip
- . IO function 3 x RS232 + 1 x RS232 / 422 / 485 / 4 x RS232
IrDA 1.0 / ASKIR protocol
- . USB 1 x FDC interface for slim type FDD
- . DVI 6 x USB 2.0 (2 external + 4 internal)
- . TV-out Supports DVI-D. Transmitter up to 165M pixels / sec.
Supports all NTSC & PAL formats. Resolution : 1024 x 768
Provides S-Video & 4 pin Wafer for CVBS TV-out connector.
- . DIO & WDT Hardware digital Input & Output, 4 x DI / 4 x DO
Hardware Watch Dog Timer, 0~255 sec programmable
- . Expand interface 1 x Mini PCI socket, 1 x PCI slot, 1 x PCI 104 (option)
- . Power On board DC +12V \pm 5% convert to +3.3V / +5V / +12V for system
- . Dimension 190 x 205 mm
- . Operation Temp. 0 ~ 60 °C
- . Operation Humidity 5~95% @ 60 °C, non-condensing

Dimension



Ordering Information

- . FI852A-RNXX 1 LAN, Socket478
- . FI852A-RPXX 1 LAN, PCI 104, Socket478

Testing environment

Model name : **FI852A-RNXX**
 CPU : Intel Pentium M 2.13 GHz
 Chipset : Intel 82852 GM and Intel 82801DB ICH4
 OS : WIN XP
 Testing Program : 3D Mark 2001 SE

Fanless solution with CF card

Chassis Temperature	Twister	Tino
0°C	Pass	Pass
40°C	Pass	Pass
45°C	Pass	Pass

Fanless solution with 2.5" HDD or 3.5" HDD

Chassis Temperature	Twister	Tino
0°C	Pass	Pass
40°C	Pass	Pass
45°C	Pass	Pass

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

Back Panel

