



FI853A Series

Application

Embedded IA, VOD, Video server, Security, Home MIDI, ATM, Panel PC and POS, Kiosk application

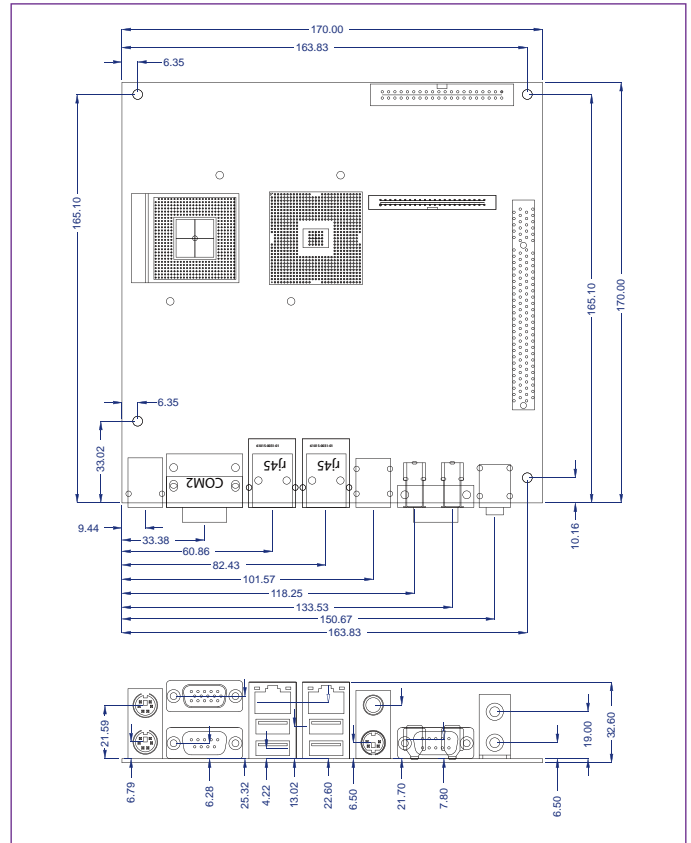
Features



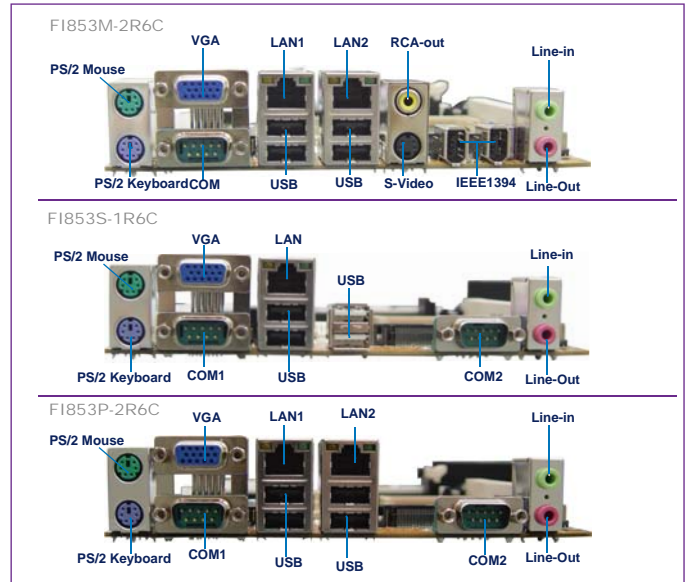
Specifications

- . CPU type Intel Celeron M 600 Mhz / 512 KB processor
- . Front Side Bus 400 / 533 MHz
- . MB Chipset Intel 82852 GM + ICH4
- . Graphics Integrated with Intel 82852 GM
Shared system memory up to 64 MB
Data format of 18 bits / 36 bits
- . LVDS
- . Memory 2 x DDR SDRAM (max. 2GB)
- . 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 1~2 x Realtek 10 / 100 Mbps (optional Intel Gigabit)
Intel 82541PI or Realtek RTL8100C / RTL8110SB LAN Chip
- . IO function 2~4 x RS232
IrDA 1.0 / ASKIR protocol
PS/2 keyboard & mouse
- . USB 6 x USB 2.0 (4 external + 2 internal)
- . TV-OUT (option) Supports all NTSC & PAL formats. Resolution : 1024 x 768
Provides S-Video & RCA Jack for CVBS TV-out connector
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.
- . Touch Screen (option)
- . IEEE1394A (option) 2 ports of 32 Bit Power Managed PCI bus interface
- . DIO & WDT (option) 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 (RS003 riser card can support 2 PCI slots)
- . Power ATX standard power spec
- . Dimension 170 x 170 mm (Mini ITX)
- . Operation Temp. 0 ~ 60 °C
- . Operation Humidity 5~95% @ 60 °C, non-condensing

Dimension



Back Panel



Ordering Information

- . FI853S-1R6C 1 LAN, 2 COM, Celeron M 600 MHz / 512 KB
- . FI853P-2R6C 2 LAN, 4 COM, DIO & WDT, Celeron M 600 MHz / 512 KB
- . FI853M-2R6C 2 LAN, 2 COM, IEEE1394, TV-OUT, Celeron M 600 MHz / 512 KB

Testing environment

Model name : **FI853P2R6C**
 CPU : Intel Celeron M 600 Mhz / 512 KB
 Chipset : Intel 82852 GM and Intel 82801DB ICH4
 OS : WIN XP
 Testing Program : 3D Mark 2001 SE

Fanless solution with 2.5" HDD

Chassis	MiTex
Temperature	
0°C	Pass
25°C	Pass
40°C	Pass

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