



FI270A Series

Application

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

Features



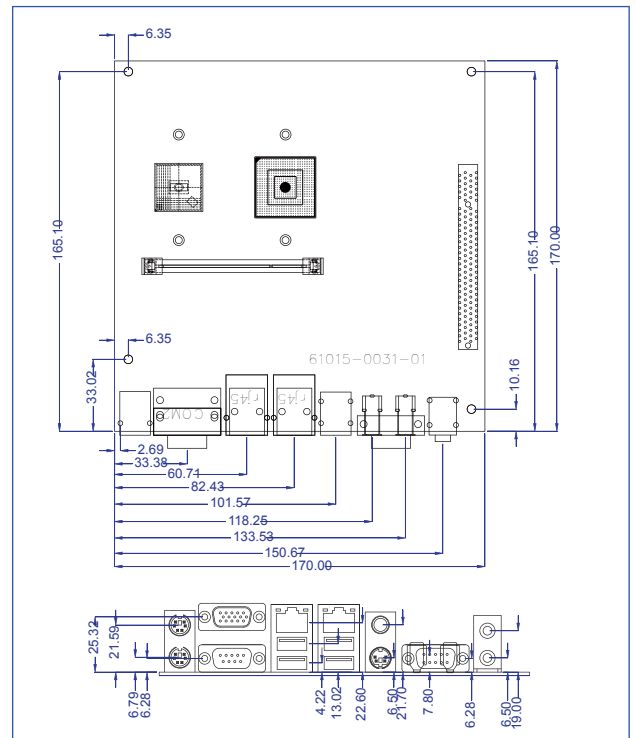
Specifications

MODEL	FI270A 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 (DVMT 3.0)
LVDS	LVDS1: 18 bits / LVDS2: 24/48 bits (option)
System Memory	1 x DDR 2 SO-DIMM socket (max. 2GB)
NAND Flash Memory	CF Card Type 2 socket for ATA interface On board SSD 2 / 4 / 8 GBytes (option)
SATA	2 x SATA ports
Audio	Intel HD Audio Specification Rev. 1.0 Compliant Support Line-out / Mic-in / Line-in
LAN	1~2 x Intel 82574L or Realtek RLT8111C 10 / 100 / 1000 Mbps.
IO Function	5 x RS232 or RS485 (option) + 1 x RS232 / 422 / 485
USB	8 x USB 2.0 (4 external + 4 internal)
Audio Amplifier (option)	Two channels Audio Amplifier 6W/CH Class-D operation into an 8-Ω Load from a 12-V Supply
TV-out (option)	Support all NTSC & PAL formats, S-Video & RCA Jack for CVBS TV-out connectors. HDTV support 480p / 720p / 1080i / 1080p
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.
IEEE1394A (option)	2 ports of PCIe interface Support 400 / 200 / 100 Mbps data transfer rate
DIO & WDT (option)	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 PCI slot 1 x PCIe mini card for PCIe & USB interface
Power	ATX standard power
Dimension	170 x 170 mm (Mini ITX)
Operation Temperature	0 ~ 60 °C
Operation Humidity	5 ~ 95% @ 60 °C, non-condensing

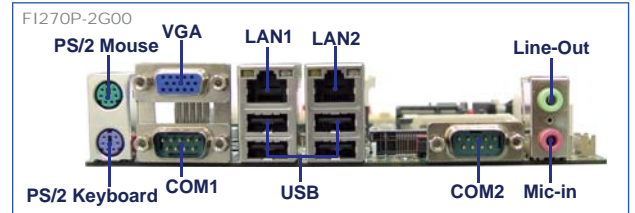
Ordering Information

. FI270P-2G00 2 Realtek GbE, 6 COM, DIO & WDT

Dimension



Back Panel



Testing environment

Model name : **FI270P-2G00**
 CPU : Intel Atom N270 1.6 GHz
 Chipset : Intel 945 GSE & ICH7M
 OS : WIN XP
 Testing Program : 3D Mark 2001 SE

Fanless solution with CF card	
Chassis Temperature	MiTex
0°C~50°C	Pass
Fanless solution with 2.5" HDD	
Chassis Temperature	MiTex
0°C~50°C	Pass

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