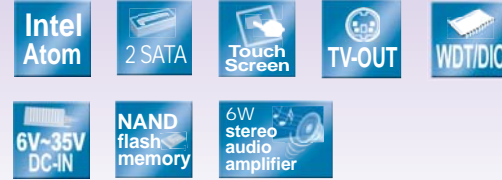


MI270AW Series

Application

KIOSK, Information desk, Digital signage, Gaming, Home entertainment

Features



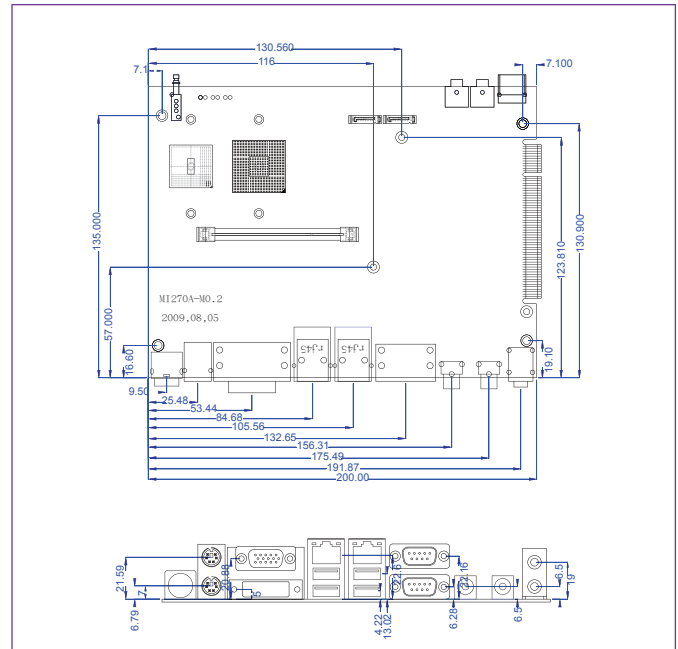
Specifications

- . CPU type Intel Atom N270 1.6 GHz processor
- . Front Side Bus 533 MHz
- . MB Chipset Intel 945 GSE+ ICH7M (82801 GBM)
- . Graphics Integrated with Intel 945 GSE
Dynamic Video Memory Technology (DVMT 3.0)
Data format of 18 bits / 36 bits
- . LVDS (option) 1 DDRII SODIMM (max. 2 GB)
- . Memory On board DDRII module 1 GB (option)
- . NAND flash memory CF Card Type II for ATA interface
On board SSD 1 / 2 / 4 / 8 GBytes (option)
- . IDE Ultra ATA 100 / 66 / 33, 1 x 40 pin 2.54mm
- . SATA 2 x SATA ports
- . Audio Intel HD Audio. Supports Line-out / Mic-in / Lline-in
- . LAN 2 x Intel 82574L or Realtek RLT8111C 10 / 100 / 1000 Mbps.
- . IO function 2 x RS232
- . USB 8 x USB 2.0 (4 external + 4 internal)
- . DVI Supports DVI-D. Transmitter up to 165M pixels / sec.
- . Video-in 1 port with Conexant CX25878 PCI Chip
- . Audio Amplifier (option) 6-W / CH Into an 8-Ω Load from a 12-V Supply
Up to 92% Efficient, Class-D operation
Differential Input minimizes Common-Mode noise
- . TV-out Supports all NTSC & PAL formats
HDTV supports 480p / 720p / 1080i / 1080p
- . Touch Screen (option) USB interface Touch screen controller
Supports 4-, 5-, 8- wire Analog Restive 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 PCIe slot
1 x PCIe mini card supports PCIe & USB interface
- . Power Wide range DC-IN from +6V to +35V 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

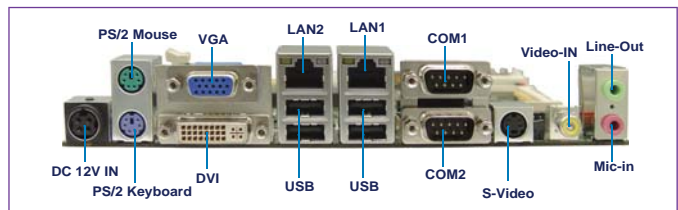
Ordering Information

- . MI270A-2G-000-00 2 Realtek GbE, SO-DIMM Socket, +12V
- . MI270A-TG-000-00 2 Realtek GbE, SO-DIMM Socket, +LVDS +Touch +DPC

Dimension



Back Panel



Testing environment

Model name : **MI270A-2G-000-00**
 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	Light	NEO	Twister	TINO
0°C	Pass	Pass	Pass	Pass
25°C	Pass	Pass	Pass	Pass
45°C	Pass	Pass	Pass	Pass
55°C	Pass	Pass	Pass	Pass

Fanless solution with 2.5" HDD				
Chassis Temperature	Light	NEO	Twister	TINO
0°C	Pass	Pass	Pass	Pass
25°C	Pass	Pass	Pass	Pass
45°C	Pass	Pass	Pass	Pass

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