

MI270AW Series

Application

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

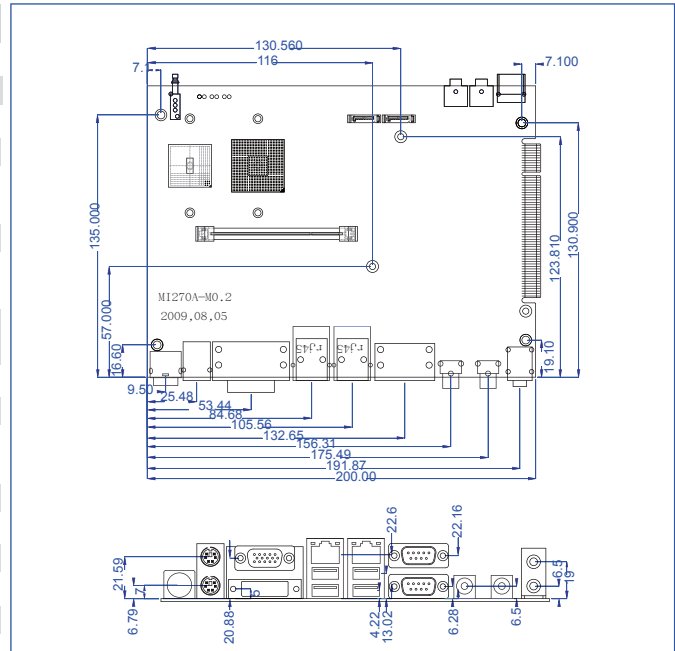
Features



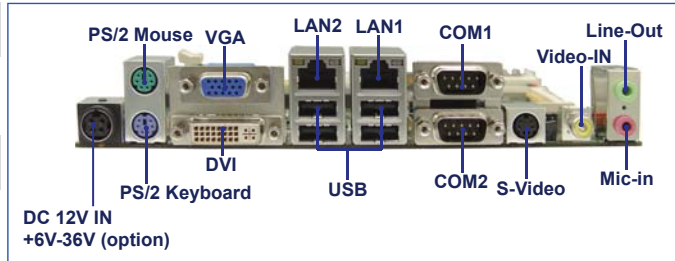
Specifications

MODEL	MI270AW 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 (DVM T 3.0)
LVDS (option)	Data format of 18 bits / 36 bits
System Memory	1 x DDR2 SO-DIMM socket (max. 2GB) On board DDR2 SDRAM 1GB (option)
NAND Flash Memory	CF Card Type 2 socket for ATA interface On board SSD 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 Specification Rev. 1.0 Compliant Support Line-out / Mic-in / Line-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	Support DVI-D. Transmitter up to 165M pixels / sec.
Video-in	1 port with Conexant CX25878 PCI Chip
Audio Amplifier (option)	Two channels Audio Amplifier 6W/CH Class-D operation into an 8-Ω Load from a 12-V Supply
TV-out	Support all NTSC & PAL formats 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.
DIO & WDT	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 gold finger (with RS007 / RS009 PCI Riser Card upgrade to 2 x PCI card) (with RS010 / RS011 Riser Card support PCIe1 interface) 1 x PCIe mini card supports PCIe & USB interface
Power	Wide range DC-IN from +6V to +36V or DC +12V ± 5% convert to +3.3V / +5V / +12V for system
Dimension	200 x 150 mm
Operation Temperature	0 ~ 60 °C
Operation Humidity	5 ~ 95% @ 60 °C, non-condensing

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	Wall Mount	Light	TINO	NEO	Twister	8.4" ~ 15" Slim Panel PC
Temperature						
0°C~50°C	Pass	Pass	Pass	Pass	Pass	Pass
55°C	—	—	Pass	Pass	Pass	—
60°C	—	—	—	—	Pass	—

Fanless solution with 2.5" HDD

Chassis	Wall Mount	Light	TINO	NEO	Twister	8.4" ~ 15" Slim Panel PC
Temperature						
0°C~40°C	Pass	Pass	Pass	Pass	Pass	Pass
45°C	—	—	Pass	Pass	Pass	Pass
50°C	—	—	Pass	Pass	Pass	—
55°C	—	—	—	—	Pass	—

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

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 Screen, DPC, +12V