



Features

- ◆ Intel® Atom™ N270 processor 1.6GHz, supports 533MHz FSB
- ◆ 2 x DIMMs up to 2GB DDR2 SDRAM
- ◆ Intel® 945GSE/ICH7-M system chipset
- ◆ Intel® 945GSE integrated VGA for CRT & LVDS
- ◆ 2 x 10/100/1000 Mbps ethernet
- ◆ AC'97 audio codec
- ◆ Supports CF, 2 x SATA, 4 x COM, 8 x USB2.0, mini PCI slot, PC/104
- ◆ Supports 18-bit/36-bit LVDS, 8-bit GPIO, H/W Monitor function
- ◆ Option for DVI-I display

Technical Information

System

CPU

Intel® Atom™ N270 processor 1.6GHz

FSB

533MHz FSB

BIOS

Award PnP Flash BIOS

System Chipset

Intel® 945GSE/ICH7-M

I/O Chipset

Winbond W83627EHG

System Memory

2 x 240-pin DIMM sockets up to 2GB DDR2 SDRAM

Storage

1 x Type II CF socket

Watchdog Timer

Software programmable time-out intervals from 1~255 sec.

H/W Status Monitor

Monitoring temperatures, voltages, and cooling fan status

Expansion

1 x Type III mini PCI slot
PC/104

I/O Interface

MIO

3 x RS-232

1 x RS-232/422/485

8 x USB2.0 (all by pin header)

1 x IDE

2 x SATA

1 x Parallel

1 x PS/2 for KB/MS

GPIO

8-bit general purpose input/output port

Display

Chipset

Intel® 945GSE integrated Intel® GMA950

Display Memory

224MB shared memory

LVDS

18-bit single channel/36-bit dual channel

DVI Chipset

Chrontel 7307 (option)

Resolution

CRT Mode: 2048 x 1536 @ 75MHz

Audio

Chipset

RealTek ALC202A

Audio Interface (w/header)

MIC In, Line Out

Ethernet

Chipset

Dual RealTek RTL8111C 10/100/1000 Mbps LAN

Ethernet Interface

2 x RJ-45

Mechanical & Environmental

Power Type

AT/ATX Power

Operating Temperature

0~60 degrees C

Operating Humidity

0~95%, non-condensing

Size (L x W)

338 x 122 mm