

HS-7280

Intel® Atom™ N270 processor PCI-ISA Bus SBC w/CF, DVI-I/CRT/LVDS, Dual GB LAN, Audio, SATA, 4 USB2.0



Features

- Intel® Atom™ N270 processor 1.6GHz, supports 533MHz FSB
- 1 x DIMM 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, 4 x USB2.0
- Supports 18-bit LVDS, 8-bit GPIO, H/W Monitor function
- Option for DVI-I display

System

CPU

Intel® Atom™ N270 processor 1.6GHz

Bus Interface

PCI-ISA Bus (no 3.3V output through Golden Finger)

FSB

533MHz FSB

BIOS

Award PnP Flash BIOS

System Chipset

Intel® 945GSE/ICH7-M

I/O Chipset

Winbond W83627EHG

System Memory

1 x 240-pin DIMM socket DDR2 533MHz up to 2GB

Storage

1 x Type II CF socket

Watchdog Timer

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

H/W Status Monitor

Monitoring temperatures, voltages, and cooling fan status

Power Function

Support AT/ATX power mode

Operating Temperature

0~60 degrees C

Operating Humidity

0~95%, non-condensing

Size (L x W)

186 x 122 mm

I/O Interface

MIO

- 3 x RS-232
- 1 x RS-232/422/485
- 6 x USB2.0 (4 x internal, 2 x external)
- 1 x IDE
- 1 x Parallel
- 2 x SATA
- 1 x PS/2 for KB/MS

GPIO

8-bit general purpose input/output port

Display

Chipset

Intel® 945GSE integrated Intel® GMA950

Display Memory

DVMT3.0 up to 224MB video memory

LVDS

18-bit single/dual-channel

DVI Chipset

Chrontel 7307 (option)

Resolution

CRT Mode: 2048 x 1536 @ 75MHz

Audio

Chipset

RealTek ALC202A

Audio Interface (w/pin header)

MIC In, Line Out

Ethernet

Chipset

Dual RealTek RTL8111C 10/100/1000 Mbps LAN

Ethernet Interface

2 x RJ-45

Ordering Guide

- HS-7280**
Intel® Atom™ N270 processor SBC w/CF, CRT, Dual GB LAN, Audio
- HS-7280/6USB**
Intel® Atom™ N270 processor SBC w/CF, CRT, Dual GB LAN, Audio, 6USB2.0
- HS-7280/DVI-I**
Intel® Atom™ N270 processor SBC w/CF, DVI-I, Dual GB LAN, Audio
- HS-7280/DVI-I+6USB**
Intel® Atom™ N270 processor SBC w/CF, DVI-I, Dual GB LAN, Audio, 6USB2.0

Accessory Options

LVDS Cable, COM Cable, USB Cable, SATA Cable, SATA Power Cable, IDE Cable, Parallel Cable