

HS-3658

Intel® Atom™ N270 processor Embedded Engine Board w/CF, Mini PCI, Mini PCIe, CRT/LVDS, Touch Screen Controller, Gigabit Ethernet, Audio, 2W Stereo Speaker, 2 COM, 6 USB



4.5" Embedded

Features

- » Intel® Atom™ N270 processor
- » 1 x SO-DIMM up to 2GB DDR2 SDRAM
- » Intel® 945GSE/ICH7-M system chipset
- » 18-bit dual-channel LVDS
- » Touch screen controller
- » Gigabit Ethernet
- » ALC202A Codec
- » 2W Stereo Speaker
- » Hardware Monitor function
- » +12~24V DC IN

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

1 x 200-pin SO-DIMM, DDR2 533MHz, Max. 2GB

Storage

1 x Type II CF socket

Expansion Interface

1 x Type III mini PCI socket

1 x mini PCIe 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

+10V@1.5A~24V@1.3A DC IN

ATX power mode support

Operating Temperature

0~60°C

Operating Humidity

0~95%, non-condensing

Board Size (LxW)

165 x 115 mm

I/O Interface

I/O Port

1 x RS-232 (external)

1 x RS-232/485 (external)

6 x USB2.0 (2 x external)

2 x SATA

1 x Parallel

1 x PS/2 for KB/MS

Display

Chipset

Intel® 945GSE integrated Intel® GMA950

Display Memory

DVMT3.0 up to 224MB video memory

LVDS

18-bit single/dual-channel

Resolution

VGA Mode: 2048 x 1536 @ 75Hz

External Interface

1 x 10-pin VGA port

Touch Screen Controller

4-wire/5-wire resistive touch screen controller

Audio

Chipset

RealTek ALC202A

Audio Interface

MIC In, Line Out

Amplifier

2W Amplifier with Stereo Speaker

Ethernet

Chipset

RealTek RTL8111C Gigabit Ethernet

Ethernet Interface

1 x RJ-45

Ordering Information

HS-3658

4.5" SBC w/Atom™ 1.6GHz CPU, CF, CRT, Gigabit Ethernet, Audio

Accessory Options

SATA Cable, USB Cable