

HS-2621

Intel® Atom™ N270 processor SBC w/CF, DVI-D/CRT/LVDS, GB LAN, Audio, PCI-104, SATA, 4 USB2.0



Features

- Intel® Atom™ N270 processor 1.6GHz, supports 533MHz FSB
- 1 x SO-DIMM up to 2GB DDR2 SDRAM
- Intel® 945GSE/ICH7-M system chipset
- Intel® 945GSE integrated VGA for CRT & LVDS
- 1 x 10/100/1000 Mbps ethernet
- AC'97 audio codec
- Supports Internal VGA connector, CF, 2 x SATA, 4 x COM, 4 x USB2.0, PCI-104
- Supports 18-bit LVDS, 8-bit GPIO, Single +12V power in, H/W Monitor function
- Provides +5V/+12V output for SATA device
- Option for DVI-D display

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 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
- Expansion Slot**
PCI-104
- Power In**
Single +12V@1.6A power in
Provides +5V/+12V output for SATA device
- Power Function**
AT/ATX power (PCB v1.1 or later version)
- Operating Temperature**
0~60 degrees C
- Operating Humidity**
0~95%, non-condensing
- Size (L x W)**
145 x 102 mm

I/O Interface

- MIO**
3 x RS-232
1 x RS-232/422/485
4 x USB2.0 (2 x internal, 2 x external)
1 x IDE
2 x SATA
1 x PS/2 for KB/MS
- GPIO**
8-bit general purpose input/output by parallel 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)
- Other Interface**
1 x 10-pin internal VGA port
- Resolution**
CRT Mode: 2048 x 1536 @ 75MHz

Audio

- Chipset**
RealTek ALC202A
- Audio Interface (w/pin header)**
MIC In, Line Out

Ethernet

- Chipset**
RealTek RTL8111C 10/100/1000 Mbps LAN
- Ethernet Interface**
1 x RJ-45

Ordering Guide

- **HS-2621**
Intel® Atom™ N270 processor SBC w/CF, CRT, GB LAN, Audio, PCI-104
- **HS-2621/DVI-D**
Intel® Atom™ N270 processor SBC w/CF, DVI-D, GB LAN, Audio, PCI-104

Accessory Options

LVDS Cable, USB Cable, SATA Cable, SATA Power Cable, IDE Cable

Panel PC

Bare Bone

SBC

Chassis

Power Supply

Backplane