

HS-4708

Intel® Atom™ N270 processor Embedded Engine Board w/CF, Mini PCI, Mini PCIe, DVI-I/CRT/LVDS, Dual Gigabit Ethernet, Audio, 6 COM, 6 USB, Battery Support

5.25" Embedded



Features

- » Intel® Atom™ N270 processor
- » 1 x SO-DIMM up to 2GB DDR2 SDRAM
- » Intel® 945GSE/ICH7-M system chipset
- » 18-bit/24-bit dual-channel LVDS
- » Touch screen controller
- » Dual Gigabit Ethernet
- » ALC202A Codec
- » COM port voltage output
- » Hardware Monitor function
- » +12V~24V DC IN
- » Option for 5000mA/H Battery support
- » Option for DVI-I 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, DDR2 533MHz, Max. 2GB
- Storage**
1 x Type II CF socket
- Expansion Interface**
2 x Type III mini PCI socket
1 x mini PCIe socket
1 x PCI slot
- GPIO**
8-bit general purpose input/output port
- 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**
+12V~24V DC IN
AT/ATX power mode support
5000mA/H Battery support (option)
- Operating Temperature**
0~60 degrees C
- Operating Humidity**
0~95%, non-condensing
- Board Size (LxW)**
203 x 146 mm

I/O Interface

- I/O Port**
5 x RS-232 (COM3/COM4 with +5V/+12V output)
1 x RS-232/422/485
6 x USB2.0
1 x IDE
2 x SATA
1 x Parallel
1 x 6-pin connector for PS/2 KB/MS

Display

- Chipset**
Intel® 945GSE integrated Intel® GMA950
- Display Memory**
DVMT3.0 up to 224MB video memory
- LVDS**
18-bit single/dual-channel (HS-4708)
24-bit single/dual-channel (HS-4708L)
- DVI**
Chrontal CH7307 (option, only for HS-4708)
- Resolution**
VGA Mode: 2048 x 1536 @ 75Hz
- Touch Screen Controller**
4-wire/5-wire resistive touch screen controller

Audio

- Chipset**
RealTek ALC202A
- Audio Interface**
MIC In, Line Out

Ethernet

- Chipset**
Dual RealTek RTL8111C Gigabit Ethernet
- Ethernet Interface**
2 x 10-pin connector

Ordering Information

- HS-4708**
5.25" SBC w/Atom™ 1.6GHz CPU, CF, CRT/18-bit LVDS, Dual Gigabit Ethernet, Audio
- HS-4708L**
5.25" SBC w/Atom™ 1.6GHz CPU, CF, CRT/24-bit LVDS, Dual Gigabit Ethernet, Audio

Accessory Options

DVI-I Cable, LVDS Cable, LAN Cable, IDE Cable, SATA Cable, COM Cable, USB Cable, Battery Pack