



HS-4707

Intel® Pentium® M/Celeron® M processor SBC w/CF, CRT/LVDS, TV-Out, Capture, LAN, Audio, 6 USB2.0

Single Board Computer

5.25" Embedded Engine Board



Features

- ◆ Intel® Pentium® M/Celeron® M processor 1.3~2.0GHz
- ◆ One DIMM up to 1GB DDR SDRAM
- ◆ Intel® 852GME/ICH4 system chipset, W83627HG-AW super I/O chipset
- ◆ Intel® 852GME graphics, Intel® 82562ET ethernet, ALC203 audio controller
- ◆ 24-bit single channel/48-bit dual channel LVDS Panel interface
- ◆ CF, COM x 4, USB2.0 x 6, mini PCI slot, standard PCI slot, PC/104, 8-bit GPIO
- ◆ TV-Out, Capture, H/W Monitor function



Specifications

System

CPU

Intel® Pentium® M processor 760 2.0GHz
 Intel® Pentium® M processor 745 1.8GHz
 Intel® Celeron® M processor 370 1.5GHz
 Intel® Celeron® M processor 320 1.3GHz

FSB

400/533MHz FSB

BIOS

Award PnP Flash BIOS

System Chipset

Intel® 852GME GMCH/ICH4

I/O Chipset

Winbond W83627HG-AW

System Memory

1 x 184-pin DIMM socket up to 1GB DDR 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
 1 x Standard PCI slot
 PC/104

I/O Interface

MIO

3 x RS-232
 1 x RS-232/422/485
 6 x USB2.0
 1 x IDE
 1 x FDD
 1 x Parallel
 1 x 6-pin connector for PS/2 KB/MS

DIO

8-bit general purpose input/output port

Display

Chipset

Intel® 852GME

Display Memory

8MB shared memory

LVDS

24-bit single channel/48-bit dual channel

TV-Out

Provides PAL or NTSC TV systems

Capture

SAA7134HL video broadcast decoder

Resolution

CRT Mode: 1600 x 1200

Audio

Chipset

RealTek ALC203

Audio Interface (w/header)

MIC In, Line Out

Ethernet

Chipset

Intel® 82562ET 10/100 Mbps LAN

Ethernet Interface

5 x 2 Connector

Mechanical & Environmental

Operating Temperature

0~60 degrees C

Operating Humidity

0~95%, non-condensing

Size (L x W)

203.31 x 146.08 mm

Ordering Guide

◆ HS-4707

Intel® Pentium® M/Celeron® M processor SBC w/CF, CRT/LVDS, TV-Out, Capture, LAN, Audio, 4C/485, 6 USB2.0

Accessory Options

CPU Cooler (251-10310002G)