

HS-7650

Intel® P-M/C-M/ULV C-M processor ISA Bus SBC w/CF, DVI-I/CRT/LVDS, Dual LAN, Audio, 3 USB2.0



HS-7650



HS-7650M



Features

- HS-7650 provides Intel® Pentium® M/Celeron® M processor 1.3~2.0GHz, supports 533/400MHz FSB
- HS-7650M provides ULV Intel® Celeron® M processor 600MHz/512K, supports 400MHz FSB
- 1 x DIMM up to 1GB DDR SDRAM
- Intel® 852GM(E)/ICH4 system chipset
- Intel® 852GM(E) integrated VGA for CRT & LVDS
- 2 x Intel® 10/100 Mbps ethernet
- AC'97 audio codec
- Supports CF, 2 x COM, 3 x USB2.0
- Supports 18-bit LVDS, H/W Monitor function
- Option for DVI-I display

System

CPU

HS-7650 provides:

- 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

HS-7650M provides:

- ULV Intel® Celeron® M processor 600MHz/512K

Bus Interface

ISA Bus

FSB

- 533/400MHz FSB (only HS-7650 PCB v1.1 or later version can supports 533MHz FSB)
- 400MHz FSB (HS-7650M)

BIOS

Award PnP Flash BIOS

System Chipset

- Intel® 852GME/ICH4 (HS-7650)
- Intel® 852GM/ICH4 (HS-7650M)

I/O Chipset

Winbond W83627HF

System Memory

- 1 x 184-pin DIMM socket DDR 333MHz up to 1GB (HS-7650)
- 1 x 184-pin DIMM socket DDR 266MHz up to 1GB (HS-7650M)

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

Operating Temperature

0~60 degrees C

Operating Humidity

0~95%, non-condensing

Size (L x W)

186 x 122 mm

I/O Interface

MIO

- 1 x RS-232
 - 1 x RS-232/422/485
 - 3 x USB2.0 (2 x internal, 1 x external)
 - 1 x IDE
 - 1 x FDD
 - 1 x 6-pin header for PS/2 KB/MS
 - 1 x KB/MS (*)
- * External USB and option PS/2 KB/MS can not use at the same time.

Display

Chipset

- Intel® 852GME (HS-7650)
- Intel® 852GM (HS-7650M)

LVDS

18-bit single/dual-channel

DVI Chipset

Chrontel 7301 (option)

Resolution

CRT Mode: 1600 x 1200

Audio

Chipset

RealTek ALC202A

Audio Interface (w/pin header)

MIC In, Line Out

Ethernet

Chipset

Intel® 82562ET and 82551ER dual 10/100 Mbps LAN

Ethernet Interface

2 x RJ-45

Ordering Guide

HS-7650

Intel® Pentium® M/Celeron® M processor SBC w/CF, CRT, Dual LAN, Audio

HS-7650/DVI-I (by order)

Intel® Pentium® M/Celeron® M processor SBC w/CF, DVI-I, Dual LAN, Audio

HS-7650M

ULV Intel® Celeron® M processor 600MHz/512K SBC w/CF, CRT, Dual LAN, Audio

HS-7650M/DVI-I (by order)

ULV Intel® Celeron® M processor 600MHz/512K SBC w/CF, DVI-I, Dual LAN, Audio

Accessory Options

LVDS Cable, USB Cable