



HS-7250

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

Single Board Computer

PCI-ISA Bus SBC



HS-7250



HS-7250M

Features

- ◆ HS-7250 provides Intel® Pentium® M/Celeron® M processor 1.3~2.0GHz, supports 533/400MHz FSB
- ◆ HS-7250M 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/36-bit LVDS, H/W Monitor function
- ◆ Option for DVI-I display

Specifications

System

CPU

HS-7250 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-7250M provides:

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

Bus Interface

PCI-ISA Bus (no 3.3V output through Golden Finger)

FSB

533/400MHz FSB (only HS-7250 PCB v1.3 or above can supports 533MHz FSB)

400MHz FSB (HS-7250M)

BIOS

Award PnP Flash BIOS

System Chipset

Intel® 852GME/ICH4 (HS-7250)

Intel® 852GM/ICH4 (HS-7250M)

I/O Chipset

Winbond W83627HF

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

I/O Interface

MIO

1 x RS-232

1 x RS-232/422/485

3 x USB2.0 (2 x internal, 1 x external)

2 x IDE

1 x FDD

1 x 6-pin header for PS/2 KB/MS

1 x KB/MS (*)

* External USB and optional PS/2 KB/MS can not use at the same time.

Display

Chipset

Intel® 852GME (HS-7250)

Intel® 852GM (HS-7250M)

LVDS

18-bit single channel/36-bit dual channel

DVI Chipset

Chrontel 7301 (option)

Resolution

CRT Mode: 1600 x 1200

Audio

Chipset

RealTek ALC202A

Audio Interface (w/header)

MIC In, Line Out

Ethernet

Chipset

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

Ethernet Interface

2 x RJ-45

Mechanical & Environmental

Operating Temperature

0~60 degrees C

Operating Humidity

0~95%, non-condensing

Size (L x W)

186 x 122 mm

Ordering Guide

◆ HS-7250

Intel® Pentium® M/Celeron® M processor SBC w/CF, CRT/LVDS, Dual LAN, Audio, 2C/485, 3 USB2.0

◆ HS-7250/DVI-I

Intel® Pentium® M/Celeron® M processor SBC w/CF, DVI-I, Dual LAN, Audio, 2C/485, 3 USB2.0

◆ HS-7250M

ULV Intel® Celeron® M processor 600MHz/512K SBC w/CF, CRT/LVDS, Dual LAN, Audio, 2C/485, 3 USB2.0

◆ HS-7250M/DVI-I (by order)

ULV Intel® Celeron® M processor 600MHz/512K SBC w/CF, DVI-I, Dual LAN, Audio, 2C/485, 3 USB2.0

◆ 291-13010020G

Y-cable for DVI-I to CRT & DVI-I use