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