

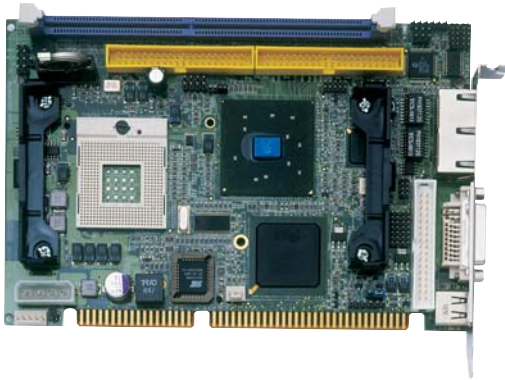


HS-7650

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

Single Board Computer

ISA Bus SBC



Features

- ◆ Intel® Pentium® M/Celeron® M processor 1.3~2.0GHz
- ◆ One DIMM up to 1GB DDR SDRAM
- ◆ Intel® 852GME/ICH4 system chipset, W83627HF super I/O chipset
- ◆ Intel® 852GME or Chrontel 7301 DVI-I graphics, Intel® 82562ET & 82551ER dual ethernet, ALC202A audio controller
- ◆ 18-bit single channel/36-bit dual channel LVDS Panel interface
- ◆ CF, COM x 2, USB2.0 x 3
- ◆ 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

Bus Interface

ISA Bus

FSB

533/400MHz FSB (only PCB v1.1 or above can supports 533MHz FSB)

BIOS

Award PnP Flash BIOS

System Chipset

Intel® 852GME/ICH4

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)
 1 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

LVDS

18-bit single channel/36-bit dual channel

DVI-I

Chrontel 7301 (optional)

Resolution

CRT Mode: 1600 x 1200

Audio

Chipset

RealTek ALC202A

Audio Interface (w/header)

MIC In, Line Out

Ethernet

Chipset

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

Ethernet Interface

RJ-45 x 2

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-7650**
Intel® Pentium® M/Celeron® M processor SBC w/CF, CRT/LVDS, Dual LAN, Audio, 2C/485, 3 USB2.0
- ◆ **HS-7650/DVI-I (by order)**
Intel® Pentium® M/Celeron® M processor 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