

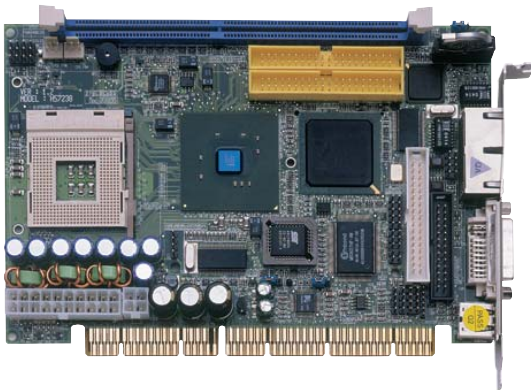


# HS-7238

Intel® Pentium® 4 processor PCI-ISA Bus SBC  
w/DVI-I/CRT, Dual LAN, Audio, 4 USB2.0

Single Board Computer

PCI-ISA Bus SBC



## Features

- ◆ Intel® Pentium® 4 processor 2.0A~2.6GHz
- ◆ One DIMM up to 1GB DDR SDRAM
- ◆ Intel® 845GV/ICH4 system chipset, W83627, ITE IT8888 super I/O chipset
- ◆ Intel® 845GV or Chrontel 7301 DVI-I graphics, Intel® 82559 & 82562 dual ethernet, ALC203 audio controller
- ◆ COM x 2, USB2.0 x 4, mini PCI slot
- ◆ H/W Monitor function
- ◆ Provides Wireless LAN module (optional)



## Specifications

### System

#### CPU

Intel® Pentium® 4 processor 2.0A~2.6GHz

#### Bus Interface

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

#### FSB

533/400MHz FSB

#### BIOS

Award PnP Flash BIOS

#### System Chipset

Intel® 845GV/ICH4

#### I/O Chipset

Winbond W83627, ITE IT8888

#### System Memory

1 x 184-pin DIMM socket up to 1GB DDR SDRAM

#### 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 I mini PCI slot

### I/O Interface

#### MIO

2 x RS-232

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

2 x IDE

1 x FDD

1 x Parallel

1 x PS/2 for KB/MS

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

### Display

#### Chipset

Intel® 845GV

#### Display Memory

1MB/8MB shared memory

#### DVI-I

Chrontel 7301 (optional)

#### Resolution

CRT Mode: 1920 x 1200 @ 32-bit colors

### Audio

#### Chipset

RealTek ALC203

#### Audio Interface (w/header)

MIC In, Line Out

### Ethernet

#### Chipset

Intel® 82559 and 82562 dual 10/100 Mbps LAN

Provides Wireless LAN module (optional)

#### 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-7238**  
Intel® Pentium® 4 processor SBC w/CRT, Dual LAN, Audio, 2C, 4 USB2.0
- ◆ **HS-7238/DVI-I (by order)**  
Intel® Pentium® 4 processor SBC w/DVI-I, Dual LAN, Audio, 2C, 4 USB2.0
- ◆ **291-13010020G**  
Y-cable for DVI-I to CRT & DVI-I use