

HS-4610

VIA C7 or V4 Eden processor Embedded Engine Board w/CF, PC/104, CRT/LVDS, TV-Out, Dual Gigabit Ethernet, Audio, 4 COM, 6 USB



5.25" Embedded

Features

- » VIA C7 or V4 Eden processor
- » 1 x DIMM up to 1GB DDR2 SDRAM
- » VIA CX700(M) system chipset
- » 24-bit dual-channel LVDS
- » TV-Out function
- » Dual Gigabit Ethernet
- » VT1708A Codec
- » Hardware Monitor function

System

CPU

VIA V4 Eden processor 1GHz
VIA C7 processor 1GHz

FSB

400MHz FSB

BIOS

AMI PnP Flash BIOS

System Chipset

VIA CX700(M)

I/O Chipset

Winbond W83697UF

System Memory

1 x 240-pin DIMM, DDR2 533MHz, Max. 1GB

Storage

1 x Type II CF socket
1 x M-Systems DiskOnChip

Expansion Interface

1 x PC/104 slot
1 x PCI slot

DIO

8-bit input/output port

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°C

Operating Humidity

0~95%, non-condensing

Board Size (LxW)

203 x 146 mm

Display

Chipset

VIA CX700(M)

Display Memory

32/64/128MB video memory

LVDS

24-bit single/dual-channel

TV-Out

Provides PAL or NTSC TV systems

Resolution

VGA Mode: 1920 x 1440
LVDS Mode: 1600 x 1200

Audio

Chipset

VIA VT1708A

Audio Interface

MIC In, Line Out

Ethernet

Chipset

Dual RealTek RTL8100SC Gigabit Ethernet

Ethernet Interface

2 x 10-pin connector

I/O Interface

I/O Port

3 x RS-232
1 x RS-232/422/485
6 x USB2.0
1 x IDE
2 x SATA
1 x Parallel
1 x 8-pin connector for PS/2 KB/MS

Ordering Information

HS-4610/Eden

5.25" SBC w/Eden 1GHz CPU, CF, CRT, TV-Out, Dual Gigabit Ethernet, Audio

HS-4610/C7

5.25" SBC w/C7 1GHz CPU, CF, CRT, TV-Out, Dual Gigabit Ethernet, Audio

Accessory Options

IDE Cable, SATA Cable, COM Cable, USB Cable