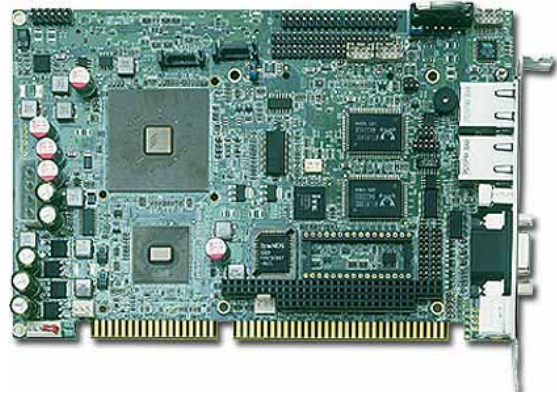


Industrial ISA Bus SBC, onboard VIA C7/Eden CPU, integrated VGA, LVDS interface, Dual LAN, SATA, 4 serial ports, DOC, PC/104 and CompactFlash



## Features

- Built-in VIA C7 or Eden Processor
- Dual Ethernet supported
- 4 COM and 5 USB 2.0 ports
- CompactFlash socket
- 24-bit Dual-Channel LVDS Interface
- Watchdog & Hardware Monitor function

## CPU

- VIA C7 or Eden Processor with 600MHz to 2.0GHz
- 400MHz Front Side Bus

## Chipset

- VIA CX700 Chipset

## System Memory

- 1 x SO-DIMM supports DDR2 533 up to 1GB

## Display Interface

- VIA CX700 built-in UniChrome Pro Graphics
- 32/64/128MB frame buffer size shared with system memory
- Onboard 24-bit dual channels LVDS interface
- Built-in MPEG-II hardware decoder

## Audio

- Integrated High Definition audio

## Ethernet

- Dual Realtek RTL8100C Ethernet controllers with 10/100Mbps

## I/O Interface

- 1 x 44-pin PATA-66 IDE, 2 x SATA, 1 x FDD
- 3 x RS232 & 1 x RS232/422/485 serial ports
- 1 x PS/2 keyboard/mouse port
- 5 x USB 2.0 ports
- 1 x CompactFlash Type I/II socket with IDE interface on solder side
- 1 x DOC socket

## Onboard Expansion

- PC/104 with ISA bus

## Environment Spec

- 0 ~ 60°C operation temperature
- Operation humidity under 10% ~ 95% relative humidity, non-condensing

## Dimension

- 186 x 122mm

## Ordering Information

**SBH-4306A2NL** Onboard VIA C7 1.0GHz, ISA BUS half-size SBC w/CF, DOC, PC/104, VGA/LVDS, Dual LAN, Audio, SATA