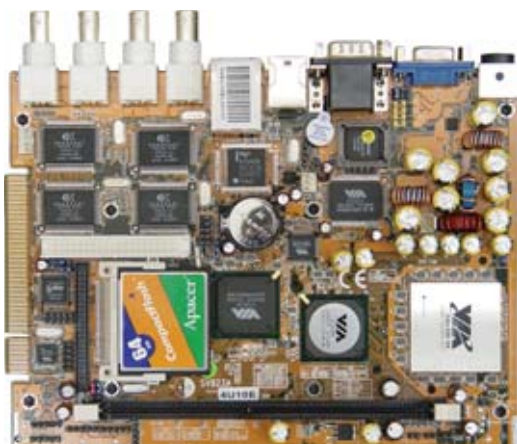
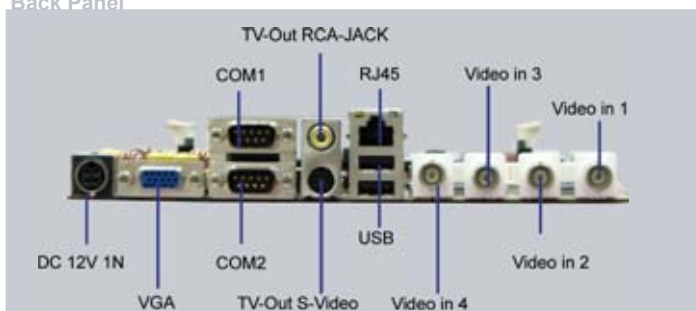




SV823A Series

Back Panel



- Application** Video Surveillance for building monitoring,
Access control & mobile PC.
- Features** VIA Eden/C3 solution
4~16 ports Video-in
TV-OUT

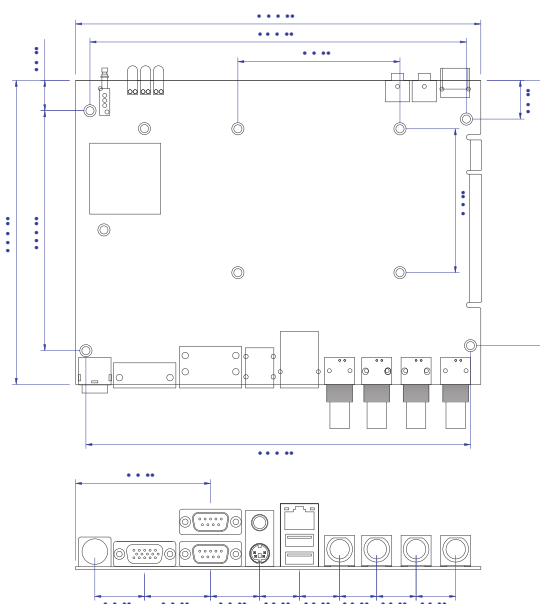
Specifications

- . CPU type On-board VIA C3/ Eden 376 PIN EBGA package
- . Front Side Bus 100/133 MHz
- . MB Chipset VIA CLE266 VT8623 + VT8235
- . Graphics Integrated with VT8623
- . Memory Shared system memory up to 64MB
- . IDE 1 x DDR SDRAM (max. 512MB)
- . Ultra DMA-133/100/66 transfer protocols
- . Support Compact Flash card type II for ATA interface
- . Sound AC'97 2.1
- . Video-in 4~16 ports with Conexant BT878A chipset
- . TV-Out NTSC(M, J) or PAL(B,D,G,H,I,M,N,Nc)
- . LAN 1 x Realtek 10/100 Mbps (SV823A-4S10E)
- . 1 x Intel Gigabit (SV823A-4U/4H)
- . IO function 1 x RS232, 1x RS232/422/485
- . Support Infrared SIR and FIR
- . USB 4 x USB 2.0
- . DIO & WDT Hardware digital Input & Output, 4xDI / 4xDO
- . Hardware Watch Dog Timer, 0~255 sec programmable
- . Expand interface 1 x PCI gold finger, rev.2.2 interface
- . Power On board power DC +12V±5% convert into system +3.3V/+12V/+5V
- . Dimension 200 x 150 mm^o
- . Operation Temperature : 0 ~ 45 C^o
- . Operation Humidity : 5~95% @ 45 C, non-condensing

Ordering Information

- . SV823A-4S10E 1 chip (Conexant BT878A) with 4 video-in channels, 1Ghz
- . SV823A-4U10E 4 chip (Conexant BT878A) with 4 video-in channels, 1Ghz
- . SV823A-4H10E 4 chip (Conexant BT878A) with 16 video-in channels, 1Ghz

Dimension



Testing environment

Model name : **SV823A-4U10E**

CPU : VIA Eden 1GHz

Chipset : VIA CLE266

OS : WIN XP

Testing Program 3D Mark 2001 SE

Temperature with CF card

Chassis	Light	Neo	Twister	Mini
Temperature				
0°C	Pass	Pass	Pass	FAN
40°C	Pass	Pass	Pass	FAN
45°C	Pass	Pass	Pass	FAN

Temperature with 2.5" HDD

Chassis	Light	Neo	Twister	Mini
Temperature				
0°C	Pass	Pass	Pass	FAN
40°C	FAN	Pass	Pass	FAN
45°C	FAN	FAN	Pass	FAN