



## CV863A Series On-board 4 Lan / 2 PCMCIA

### Processor:

- . On board VIA C3/EDEN 376 PIN EPGA package
- . Front side bus 100/133 MHz
- . VIA Eden Processor 533/733/800M/1GHz
- . VIA C3 processor 800MHz/1GHz/1.2GHz/1.4GHz
- . Integrated full-speed 192KB L1/L2 cache, F.S.B.133MHz
- . Advanced multimedia instruction set for MMX, 3Dnow

### System Chipset list :

- . MB chipset :VIA CLE266 Chipset ( VT8623 and VT8235 )
- . VGA : Integrated VT8623 Graphic chip
- . Sound :VIA VT1612 AC97 2.2 SOUND
- . LAN : 100M/1G Intel 82540EM or Realtek RTL8100C/RTL8110S
- . I/O : VIA VT1211 chip
- . PCMCIA : Ricoh R5C486 chip, 2 x PCMCIA Type II/III

### Memory :

- . Support one bank PC 1600/2100 DDR 266 up to 512MB

### Graphic :

- . Optimized Shared Memory Architecture and maximum share 64MB
- . Integrated 4x AGP, 128 bit. 3D graphics engine
- . MPEG 2/1 Video Decoder, high quality DVD video playback
- . Microsoft DirectX 7.0 and 8.0 compatible
- . Resolution up to 1920 x 1440 x 16bit color
- . VGA resolution support 16:9 Mode

### PCI Bus Master IDE :

- . Dual channel master mode hard disk controller supporting four Enhanced IDE devices
- . UltraDMA-66/100/133 transfer protocols
- . One 40pin 2.54mm and One 44pin 2.0mm IDE connectors.
- . Support 50 pin Compact Flash card type II for ATA interface.

### Sound :

- . AC97 2.2 compliant
- . Support two channel Audio

### USB :

- . 5 x USB 2.0/1.1 Enhanced Host Controller Interface

### I/O :

- . One 16C550 UARTs RS232 port support
- . Support Infrared SIR and FIR

### Power :

- . 12V DC-IN

### PCMCIA :

- . Ricoh R5C486 PCMCIA Chipset compliant PCI with specification ver:2.2
- . Supports two PCMCIA sockets
- . CardBus (Card-32) Card and 16-bit (PCMCIA 2.1 /JEIDA 4.2 )Card work at the Same time
- . Compliant with PC Card Standard Release 8.0 Specification
- . Compliant with i82365SL compatible register set / ExCA
- . Supports INTA# and INTB# for PC system interrupt.
- . Supports Serialized IRQ

### LAN (Option 1) :

- . 4 x Realtek RLT8100C 10/100Mbps
- . Supports Wake On LAN function
- . Supports PXE function in BIOS

### LAN (Option 2) :

- . 4 x Realtek RLT8110S 10/100M/1Gbps
- . Supports Wake On LAN function
- . Supports PXE function in BIOS

### LAN (Option 3) :

- . 3 x Intel 82540EM 10M/100M/1G
- . Supports PXE function in BIOS

### Front Panel port :

- . Power switch
- . Power/HDD/4 x LAN LED
- . Line-out / MIC-in and one USB2.0

### Back Panel Connectors :

- . 12V DC-IN power jack
- . VGA connector
- . One COM port
- . 4 x USB 2.0
- . 4 x RJ45 LAN port
- . 2 x PCMCIA

### BIOS

- . Award BIOS
- . LAN PXE boot ROM support

### OS Support

- . Linux, Windows 9X / ME / 2000 / XP / CE

### Dimension

- . 200 x 150 mm

### Case for CV863A M/B :

- . Neo ( fanless for VIA Eden and C3 CPU )
- . Twister ( fanless for VIA Eden and C3 CPU )

### Order information :

| Model Name  | CPU           | Lan Ports / TV-Out     |
|-------------|---------------|------------------------|
| CV863A4R10L | VIA C3 1Ghz   | 4 x 10/100 RealTek     |
| CV863A4R10E | VIA Eden 1Ghz | 4 x 10/100 RealTek LAN |

