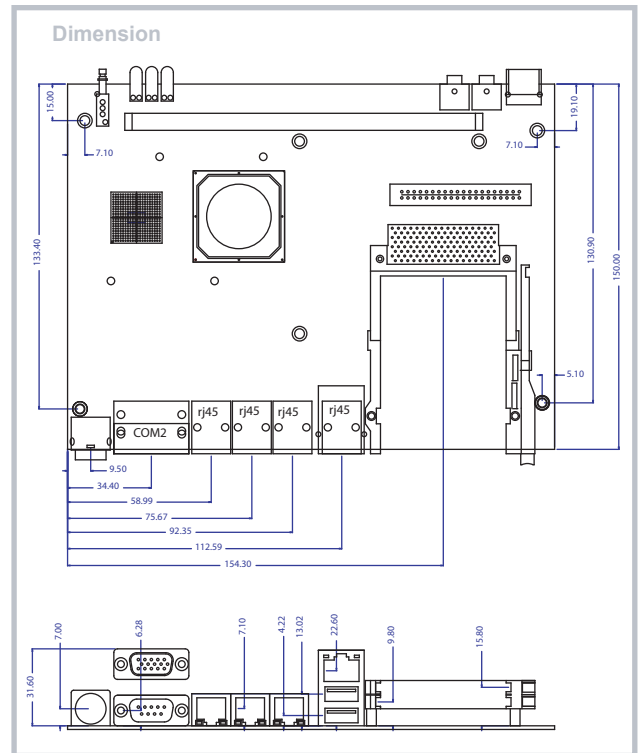
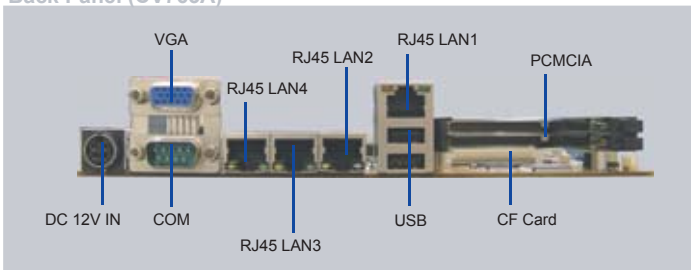


## CV763A Series

### Back Panel (CV763A)



### Application Features

Network Appliances for Firewall, VPN, and Server.  
VIA V4 bus processor Eden/C7

On board 4 LAN  
2 PCMCIA  
SATA

### Specifications

- . CPU type VIA Eden(V4)/ C7 nano BGA2 400 pin, L1/L2 128K on die
- . Front Side Bus 400/533 MHz
- . MB Chipset VIA CN700 + VIA VT8237R Plus
- . Graphics Integrated with VIA CN700  
Shared system memory up to 64MB  
MPEG-2 hardware VLD
- . TV-Out(Optional) NTSC(M, J) or PAL(B,D,G,H,I,M,N,Nc)
- . Memory 1 x DDR II SDRAM 533/400 (max. 1GB)
- . IDE Ultra DMA-133/100/66 transfer protocols  
1 x 40 pin 2.54mm, 1 x 44 pin 2.0mm  
Support Compact Flash card type II for ATA interface
- . Audio AC-Link for Audio CODEC, AC'97 2.1
- . LAN 4 x Realtek 10/100 Mbps (optional Realtek/Intel Gigabit)
- . IO function 1 x RS232  
Supports IrDA 1.0/ASKIR protocol  
Supports PS2 keyboard and mouse
- . USB 7 x USB 2.0.
- . PCMCIA Richo R5C812 PCMCIA chipset compliant PCI with ver.2.3  
Supports 2x sockets, for Cardbus(Card 32) and 16-bit Card
- . SATA One channel connector  
SATA drive transfer rate is capable of up to 150MB/s
- . DIO/WDT (Option) Hardware digital Input & Output, 4xDI / 4xDO  
Hardware Watch Dog Timer, 0~255 sec programmable

### Testing environment

Model name : CV763A-4R10C  
CPU : VIA V4 C7 1000MHz  
Chipset : VIA CN700 & VIA VT8237R PLUS  
OS : WIN XP  
Testing Program : 3D Mark 2001 SE

#### Fanless solution with CF card

Chassis	Light	Neo	Twister
Temperature			
0°C	Pass	Pass	Pass
25°C	Pass	Pass	Pass
40°C	Pass	Pass	Pass
60°C	FAN	Pass	Pass

#### Fanless solution with 2.5" HDD

Chassis	Light	Neo	Twister
Temperature			
0°C	Pass	Pass	Pass
25°C	Pass	Pass	Pass
40°C	FAN	Pass	Pass

- . Expand interface 1 x Mini PCI for only PCI rev: 2.2 interface  
1 x PCI gold finger (share with Mini PCI)
- . Power
- . Dimension 200 x 150 mm
- . Operation Temperature : 0 ~ 60°C
- . Operation Humidity : 5~95% @ 60°C, non-condensing

### Ordering Information

- . CV763A-4R10C 4 LAN, PCMCIA, 1Ghz, VIA C7 processor