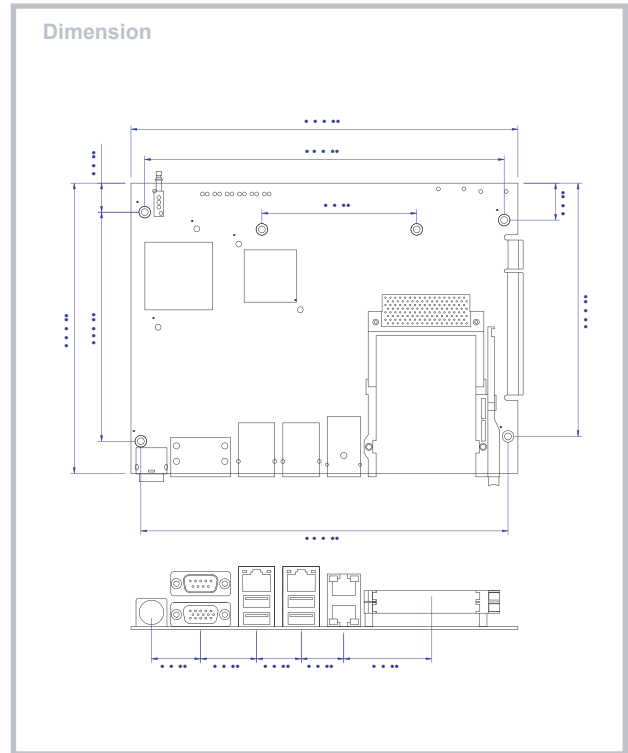
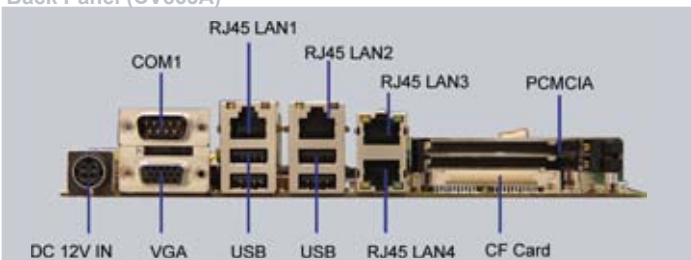


## CV863A Series

### Back Panel (CV863A)



- Application** Network Appliances for Firewall, VPN, Thin Client, and Server.
- Features**
- VIA Eden/ C3 CPU
  - On board 4 LAN
  - 2 x PCMCIA

### Specifications

- . CPU type On-board VIA C3/ Eden 376 PIN EPGA package
- . Front Side Bus 100/133 MHz
- . MB Chipset VIA PLE266 VT8623A+ VT8235
- . Graphics Integrated with VT8623
- . Shared system memory up to 64MB
- . Memory 1 x DDR SDRAM (max. 512MB)
- . IDE Ultra DMA-133/100/66 transfer protocols
- . 1 x 40 pin 2.54mm, 1 x44 pin 2.0mm
- . Support Compact Flash card type II for ATA interface
- . Sound AC'97 2.2, support 2 channel audio
- . LAN 4 x Realtek 10/100 Mbps
- . USB 5 x USB 1.1/2.0
- . I/O One 16C550 UARTs RS232 port support
- . PCMCIA Richo R5C486 PCMCIA chipset compliant PCI with ver.2.2
- . Supports 2x sockets, for Cardbus(Card 32) and 16-bit Card
- . 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
- . Operation Temperature : 0 ~ 45°C
- . Operation Humidity : 5~95% @ 45°C, non-condensing

### Ordering Information

- . CV863A-4R10E 4 LAN, PCMCIA, Eden 1GHz

### Testing environment

Model name : CV863A-4R10E  
 CPU : VIA Eden 1GHz  
 Chipset : VIA CLE 266  
 OS : WIN XP  
 Testing Program 3D Mark 2001 SE

#### Fanless solution with CF card

| Chassis     | Light | Neo  | Twister |
|-------------|-------|------|---------|
| Temperature |       |      |         |
| 0°C         | Pass  | Pass | Pass    |
| 40°C        | Pass  | Pass | Pass    |
| 45°C        | Pass  | Pass | Pass    |

#### Temperature with 2.5" HDD

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