

## CV763A / CV763B Series

Application  
Network Appliances for Firewall, VPN, and Server.

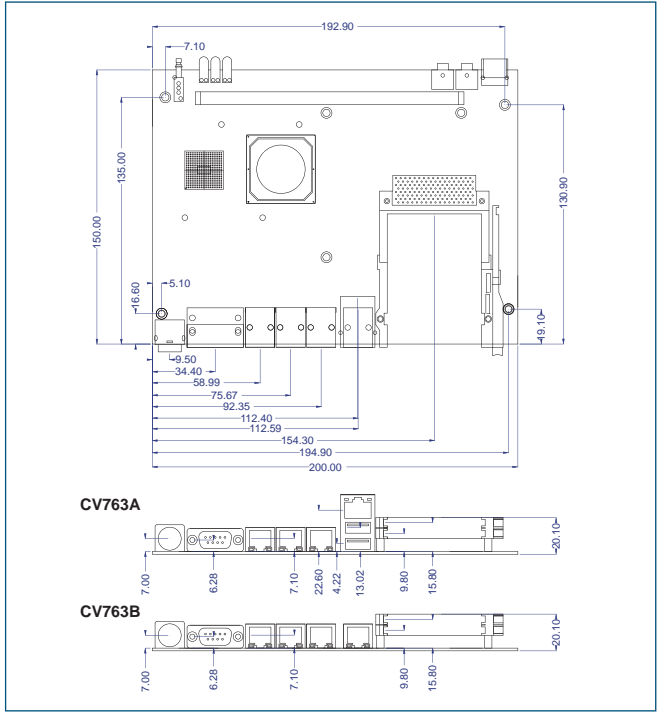
### Features



### Specifications

- . CPU type: VIA V4 Eden / ULV or C7 Nano-BGA2 400 pin L1 128 KB, L2 128 KB on die
- . Front Side Bus: 400 / 533 MHz
- . MB Chipset: VIA CN700 + VT8237R Plus
- . Graphics: Integrated with VIA CN700
- . Memory: Shared system memory up to 64 MB
- . IDE: 1 x DDR II SDRAM ( max. 1GB )
- . IDE: Ultra DMA-133 / 100 / 66, 1 x 40 pin 2.54mm, 1 x 44 pin 2.0mm CF Card Type II for ATA interface
- . SATA: 1 x SATA port
- . Audio: AC-Link for Audio CODEC, AC'97 2.1
- . LAN: 4 x Realtek 10 / 100 Mbps ( optional Realtek / Intel Gigabit )
- . IO function: Intel 82541PI or Realtek RLT8100C / RLT8110SB LAN Chip
- . IO function: 1 x RS232
- . IO function: IrDA 1.0 / ASKIR protocol
- . IO function: PS/2 keyboard & mouse
- . USB: 8 x USB 2.0 ( 3 external + 5 internal )
- . PCMCIA: 2 x sockets for Cardbus ( Card-32 ) & 16-bit Card
- . TV-Out (option): Supports all NTSC & PAL formats. Resolution : 1024 x 768
- . DIO/WDT (option): Hardware digital Input & Output, 4 x DI / 4 x DO
- . Expand interface: Hardware Watch Dog Timer, 0~255 sec programmable
- . Expand interface: 1 x Mini PCI socket, 1 x PCI gold finger
- . Power: On board DC +12V ± 5% convert to +3.3V / +5V / +12V for system
- . Dimension: 200 x 150 mm
- . Operation Temp.: 0 ~ 60 °C
- . Operation Humidity: 5~95% @ 60 °C, non-condensing

### Dimension



### Ordering Information

- . CV763A-4R10U: 4 LAN, PCMCIA, 1 Ghz, VIA V4 Eden ULV processor

### Testing environment

Model name : CV763A-4R10U  
 CPU : VIA Eden ULV 1 GHz  
 Chipset : VIA CN700 & VIA VT8237R PLUS  
 OS : WIN XP  
 Testing Program : 3D Mark 2001 SE

#### Fanless solution with CF card

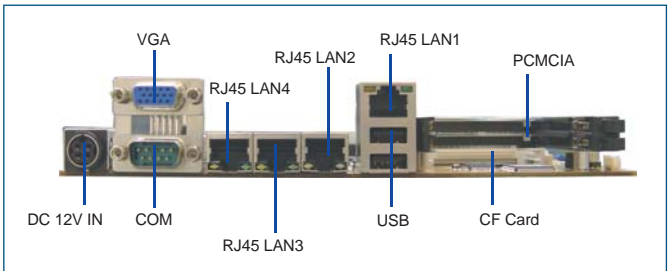
Chassis Temperature	Light	Neo	Twister
0°C	Pass	Pass	Pass
25°C	Pass	Pass	Pass
40°C	Pass	Pass	Pass
60°C	Pass	Pass	Pass

#### Fanless solution with 2.5" HDD

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

Please upgrade the hard drive to industrial grade for better temperature performance.

### Back Panel ( CV763A )



### Back Panel ( CV763B )

