



## CV763A / CV763B Series

Application  
Network Appliances for Firewall / VPN / Server.

### Features



### Specifications

MODEL	CV763A / CV763B Series
CPU Type	VIA V4 bus processor 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
BIOS	Award BIOS
Graphics	Integrated with VIA CN700 Shared system memory up to 64 MB
System Memory	1 x DDR2 SDRAM DIMM slot ( max. 1GB ) Support mixed 64 / 128 / 256 / 512 Mb SDRAM in x 8 or x 16 configurations
IDE	Ultra DMA-133 / 100 / 66, 1 x 40 pin 2.54mm, 1 x 44 pin 2.0mm CF Card Type 2 socket for ATA interface
SATA	1 x SATA port
Audio	AC-Link for Audio CODEC, AC'97 2.1 Support Line-out / Mic-in / Line-in
LAN	4 x Realtek 10 / 100 Mbps ( optional Realtek / Intel GbE ) Intel 82541PI or Realtek RLT8100C / RLT8110SC LAN Chip
USB	8 x USB 2.0 ( 3 external + 5 internal )
IO Function	1 x RS232 IrDA 1.0 / ASKIR protocol PS/2 keyboard & mouse
PCMCIA	2 x sockets for Cardbus ( Card-32 ) & 16-bit Card
TV-Out (option)	Support all NTSC & PAL formats. Resolution : 1024 x 768
DIO & WDT (option)	Hardware digital Input & Output, 4 x DI / 4 x DO Hardware Watch Dog Timer, 0~255 sec programmable
Expansion 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 Temperature	0 ~ 60 °C
Operation Humidity	5 ~ 95% @ 60 °C, non-condensing

### Ordering Information

. CV763A-4R10U 4 LAN, PCMCIA, VIA V4 Eden ULV 1 GHz CPU

### 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

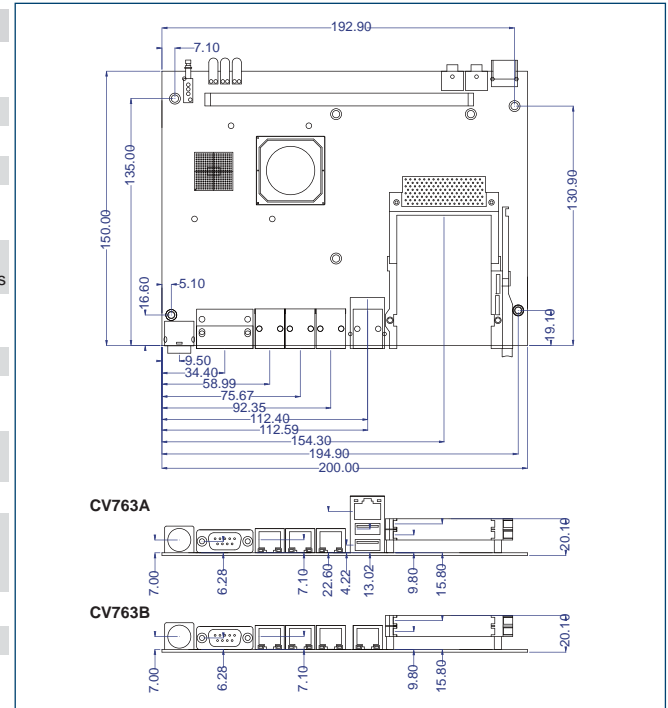
Fanless solution with CF card			
Chassis	Light	Neo	Twister
Temperature			
0 °C~50°C	Pass	Pass	Pass
55 °C	Pass	Pass	Pass
60 °C	Pass	Pass	Pass

Fanless solution with 2.5" HDD			
Chassis	Light	Neo	Twister
Temperature			
0 °C~45°C	Pass	Pass	Pass
50 °C	Pass	Pass	Pass
55 °C	Pass	Pass	Pass

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

### Dimension



### Back Panel

