



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
Shared system memory up to 64 MB
- Memory** 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)
Intel 82541PI or Realtek RLT8100C / RLT8110SB LAN Chip
- IO function** 1 x RS232
IrDA 1.0 / ASKIR protocol
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
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 $\pm$ 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

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.

CV763A / CV763B Series

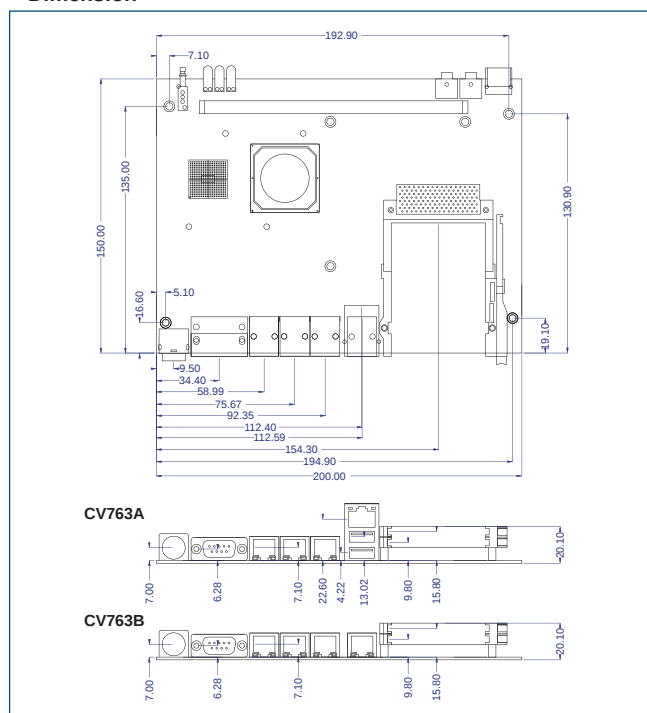
Application

Network Appliances for Firewall, VPN, and Server.

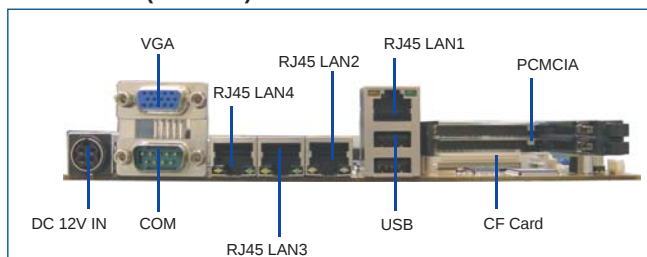
Features



Dimension



Back Panel (CV763A)



Back Panel (CV763B)

