

CV700C Series

Application
POS/ KIOSK/ Industrial Control Solutions

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
- Shared system memory up to 64 MB
- . LVDS (option) Data format of 18 bits / 24 bits
- . 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 1 x Realtek 10 / 100 Mbps (optional Realtek / Intel Gigabit)
- Intel 82541PI or Realtek RLT8100C / RLT8110SB LAN Chip
- . IO function 4 ~ 6 x RS232 + 1 x RS232 / 422 / 485
- 3 x RX / RTS / TX for RS232 signal level In/out
- IrDA 1.0 / ASKIR protocol
- PS/2 keyboard & mouse
- . USB 7 x USB 2.0 (3 external + 4 internal)
- . TV-OUT (option) Supports all NTSC & PAL formats. Resolution : 1024 x 768
- . Expand interface 1 x Mini PCI socket
- . 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

Ordering Information

- . CV700C-1R50E 1 LAN, 500 MHz, VIA V4 Eden processor
- . CV700C-1R10U 1 LAN, 1 GHz, VIA V4 Eden ULV processor

Testing environment

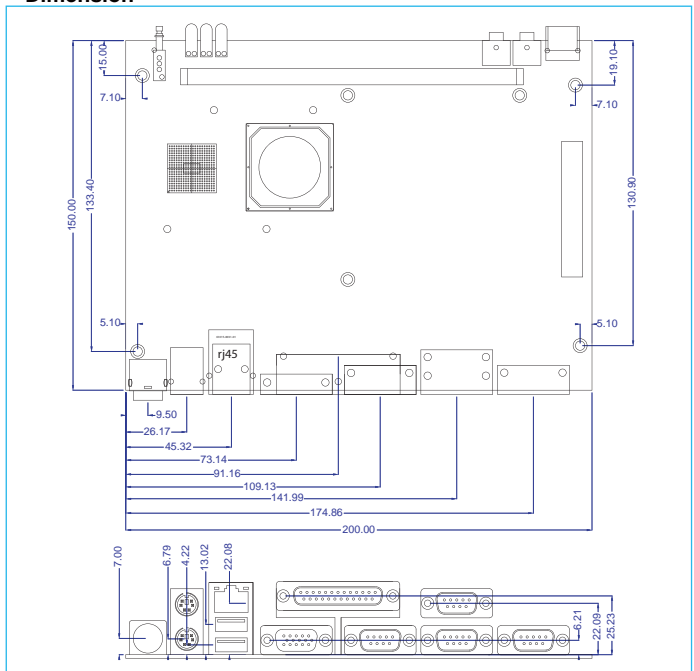
Model name : **CV700C-1R10U**
 CPU : VIA Eden ULV 1 GHz
 Chipset : VIA CN700 & VIA VT8237R PLUS
 OS : WIN XP
 Testing Program : 3D Mark 2001 SE

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	FAN	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	FAN	Pass	Pass	

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

Dimension



Back Panel

