



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	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 IrDA 1.0 / ASKIR protocol PS/2 keyboard & mouse
USB	7 x USB 2.0 (3 external + 4 internal)
Touch Screen	USB interface Touch screen controller Supports 4- , 5- , 8- wire Analog Resistive Touch screen
TV-OUT (option)	USB 1.1 full speed sample rate maximum of 300 point / sec
DIO & WDT	Supports all NTSC & PAL formats. Resolution : 1024 x 768 Hardware digital Input & Output, 8 x DI / 8 x DO Hardware Watch Dog Timer, 0~255 sec programmable
Expand interface	1 x Mini PCI socket
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

Testing environment

Model name : **CV766C1R10U**
 CPU : VIA V4 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	
0°C	Pass
25°C	Pass
40°C	Pass

Fanless solution with 2.5" HDD

Chassis Temperature	
0°C	Pass
25°C	Pass
40°C	Pass

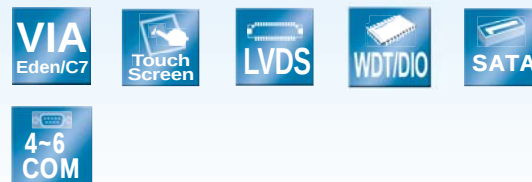
Please upgrade the hard drive to industrial grade for better temperature performance.

CV766C Series

Application

POS/ KIOSK/ Industrial Control Solutions

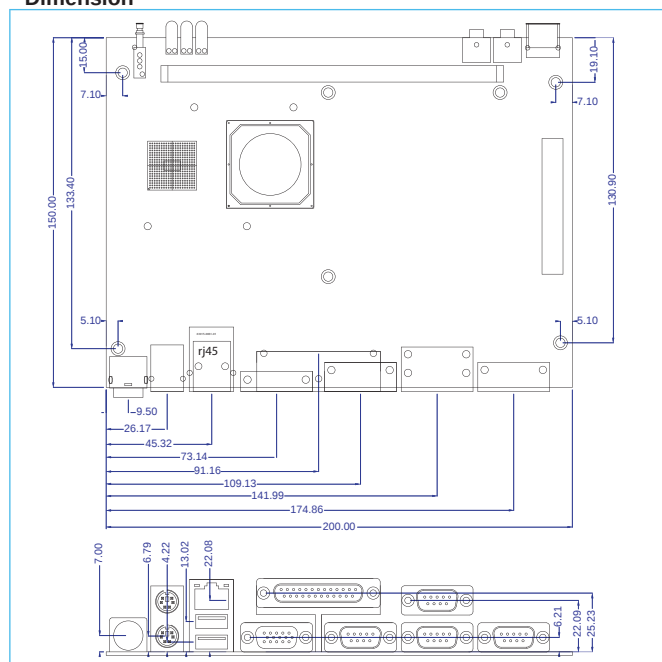
Features



Ordering Information

CV766C-1R10U 1 LAN, 1 GHz, VIA V4 Eden ULV processor

Dimension



Back Panel

