



## 3V700D Series

Application  
Embedded Networking / VPN / Firewall application

### Features



### Specifications

MODEL	3V700D 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 SO-DIMM socket ( max. 1GB ) Support mixed 64 / 128 / 256 / 512 Mb SDRAM in x 8 or x 16 configurations
IDE	CF Card Type 2 socket for ATA interface
SATA	1 x SATA port ( SATA 2 for option )
Audio (option)	AC-Link for Audio codec. AC'97 2.1 Support Line-out / Mic-in / Line-in
LAN	3 x Realtek RLT8100C 10 / 100 Mbps ( optional Realtek GbE )
IO Function	1 x RS232
USB	4 x USB 2.0 ( 2 external + 2 internal )
WDT (option)	Hardware Watch Dog Timer, 0~255 sec programmable
Expansion Interface	PCIe mini card socket for USB interface
Power	On board DC +12V ± 5% convert to +3.3V / +5V / +12V for system
Dimension	145 x 102 mm ( 3.5 inch )
Operation Temperature	0 ~ 60 °C
Operation Humidity	5 ~ 95% @ 60 °C, non-condensing

### Ordering Information

. 3V700D-CR50E	3 Realtek LAN, VIA V4 Eden 500 MHz CPU, 1 x RS232
. 3V700D-CR10U	3 Realtek LAN, VIA V4 Eden ULV 1 GHz CPU, 1 x RS232
. 3V700D-VR50E	3 Realtek LAN, VIA V4 Eden 500 MHz CPU, VGA
. 3V700D-VR10U	3 Realtek LAN, VIA V4 Eden ULV 1 GHz CPU, VGA
. 3V700D-CR15C	3 Realtek LAN, VIA V4 C7 1.5 GHZ CPU, 1 x RS232
. 3V700D-VR15C	3 Realtek LAN, VIA V4 C7 1.5 GHZ CPU, VGA

### Testing environment

Model name : **3V700D-CR10U / 3V700D-CR50E**  
 CPU : VIA Eden ULV 1 Ghz / VIA Eden 500 Mhz  
 Chipset : VIA CN700 & VIA VT8237R Plus  
 OS : WIN XP  
 Testing Program : 3D Mark 2001 SE

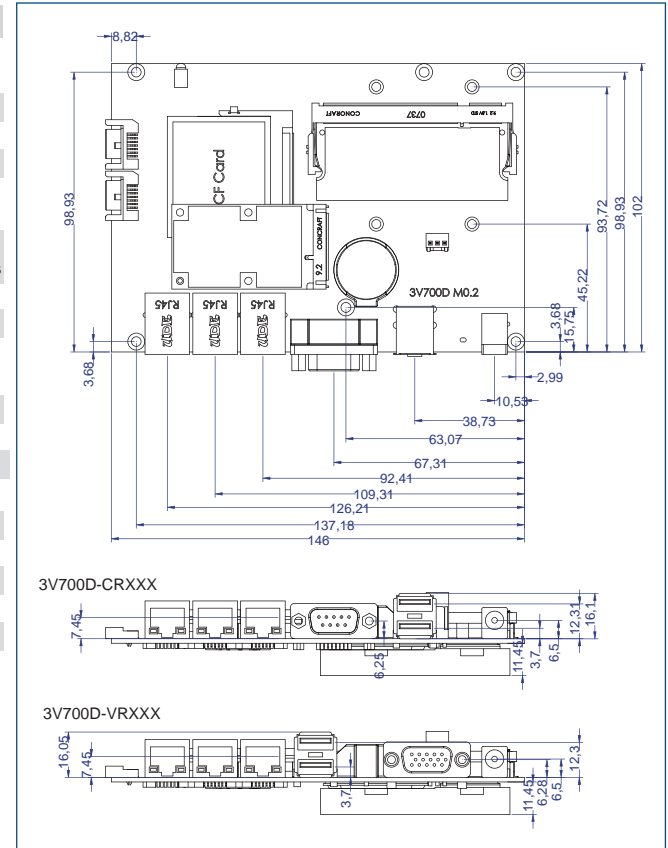
Fanless solution with CF card		
Chassis	UNO	BRIK
Temperature		
0°C~45°C	Pass	Pass
50°C	Pass	Pass
55°C	—	Pass

Fanless solution with 2.5" HDD		
Chassis	UNO	BRIK
Temperature		
0°C~45°C	Pass	Pass
50°C	—	Pass

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

### Dimension



### Back Panel

