



## 3V700D Series

Application

**Embedded Networking, VPN, firewall application**

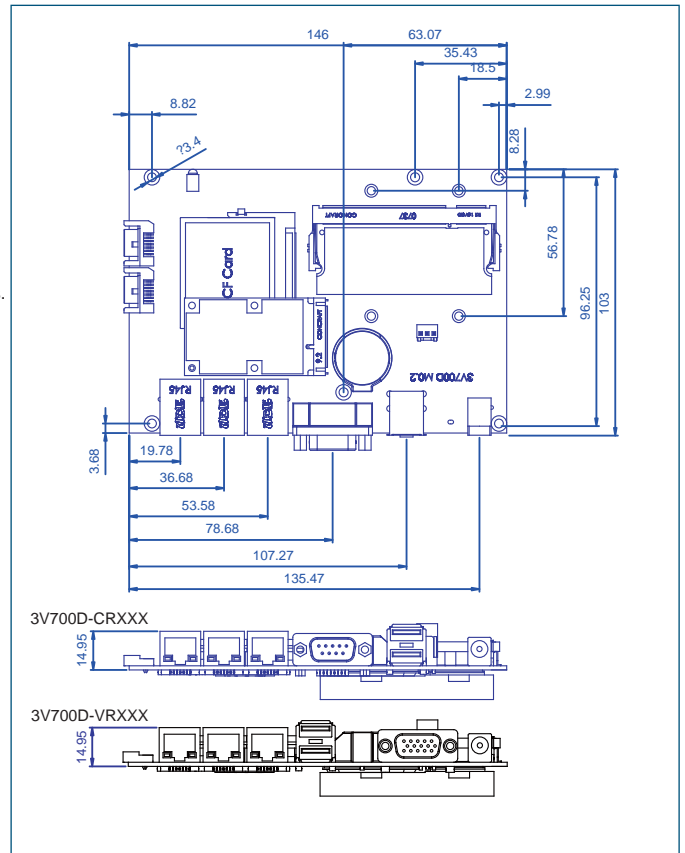
Features



### Specifications

- . CPU type VIA Eden(V4) or C7 Nano-BGA2 400pin L1 128KB, L2 128KB on die
- . Front Side Bus 400 / 533 Mhz
- . MB Chipset VIA CN700 + VT8237R Plus
- . Graphics Integrated with VIA CN700  
Shared system memory up to 64MB  
MPEG-2 hardware VLD.Idct and motion compensation.
- . Memory 1 x DDRII SODIMM (max. 1GB)
- . LAN 3 x Realtek RLT8100C 10/100 Mbps (optional Giga LAN)
- . IO function 1 RS232
- . Audio (option) VIA VT1708/A HD Audio codec; Two channel sound Support AC'97 2.1
- . USB 8 x USB 2.0 (2 external + 6 internal ports)
- . SATA One channel connector, Supports up to two channel SATA connectors. (the 2nd SATA is optional)  
S-ATA drive transfer rate is capable of up to 150MB/s
- . WDT (option) Hardware Watch Dog Timer, 0~255 sec programmable
- . Expand interface Mini Card socket for USB device only (option)
- . Power On board power DC-IN +12V ±5% convert into system +3.3v/+12v/+5v  
System provide +5V and +12V power output
- . Dimension 145 x 102 mm (3.5 inch)
- . Operation Temperature: 0 ~ 60 °C
- . Operation Humidity: 5~95% @ 60 °C, non-condensing

### Dimension



### Ordering Information

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

### Testing environment

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

#### Fanless solution with CF card

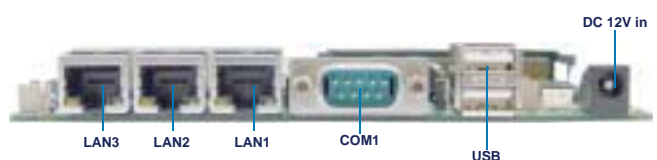
Chassis Temperature	UNO	BRIK
0°C	Pass	Pass
25°C	Pass	Pass
45°C	Pass	Pass
55°C	Pass	60°C

#### Fanless solution with 2.5" HDD

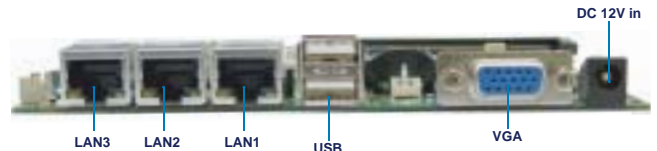
Chassis Temperature	UNO	BRIK
0°C	Pass	Pass
25°C	Pass	Pass
40°C	Pass	45°C

### Back Panel

#### 3V700D-CRXXX



#### 3V700D-VRXXX



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