

3V700D Series

Application

Embedded Networking, VPN, firewall application

Features



Specifications

- . 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
- . 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)
Hardware Watch Dog Timer, 0~255 sec programmable
- . WDT (option): PCIE mini card socket for USB interface
- . Expansion Interface: On board DC +12V ± 5% convert to +3.3V / +5V / +12V for system
- . Power: 145 x 102 mm (3.5 inch)
- . Operation Temp.: 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

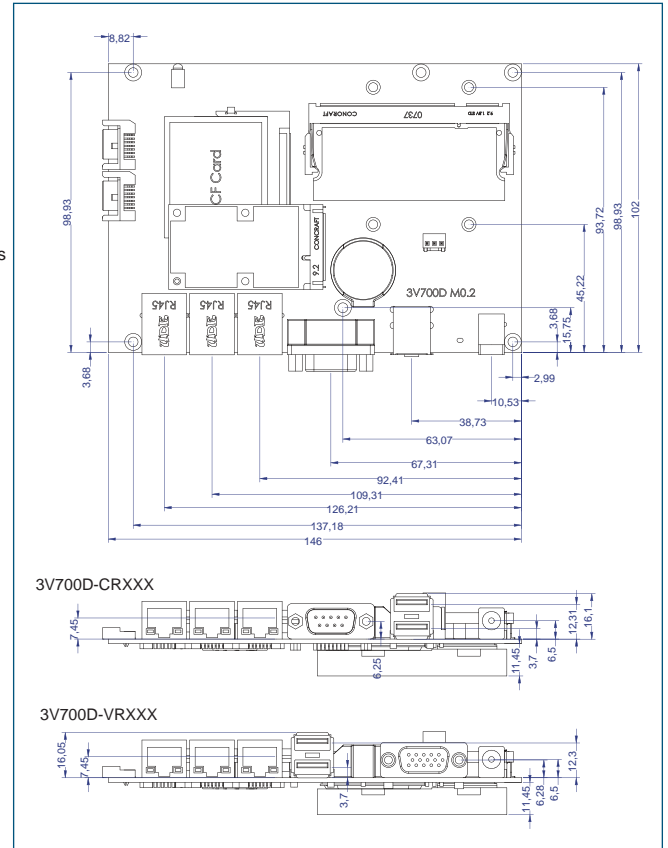
Model name : 3V700D-CR10U / 3V700D-CR50E
 CPU : VIA Eden ULV 1 Ghz / VIA Eden 500 Mhz
 Chipset : VIA CN700 & VIA VT8237R Plus
 OS : WIN XP
 Testing Program : 3D Mark 2001 SE

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

