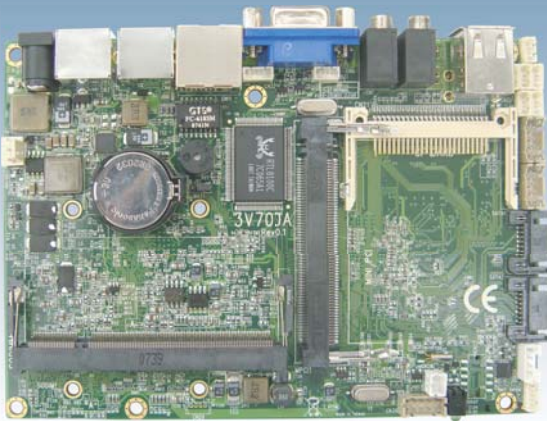




3V700A Series

Application

Embedded Networking / Thin Client application

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
Memory	1 x DDRII SODIMM (max. 1GB)
SATA (option)	Supports 1 x SATA port. 2 x SATA ports (option)
Audio	AC-Link for Audio codec. AC'97 2.1
LAN	1 x Realtek RLT8100C 10 / 100 Mbps
IO function (option)	2 x RS232 (option) Support Infrared SIR & FIR PS/2 keyboard & mouse
USB	8 x USB 2.0 (2 external + 6 internal)
Audio Amplifier (option)	6-W / CH Into an 8-Ω Load from a 12-V Supply Up to 92% Efficient, Class-D operation Differential Input minimizes Common-Mode noise
TV-OUT (option)	Supports all NTSC & PAL formats. Resolution : 1024 x 768
DIO & WDT (option)	Hardware digital Input & Output, 4 x DI / 4 x DO Hardware Watch Dog Timer, 0~255 sec programmable (option)
Expand interface	1 x Mini PCI socket (option)
Power	On board DC +12V $\pm$ 5% convert to +3.3V / +5V / +12V for system
Dimension	145 x 102 mm (3.5 inch)
Operation Temp.	0 ~ 60 °C
Operation Humidity	5~95% @ 60 °C, non-condensing

Testing environment

Model name : 3V700A1R10U / 3V700A1R50E
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 Temperature	UNO	BRIK
0°C	Pass	Pass
25°C	Pass	Pass
45°C	Pass	Pass
50°C	Pass	55°C

Fanless solution with 2.5" HDD

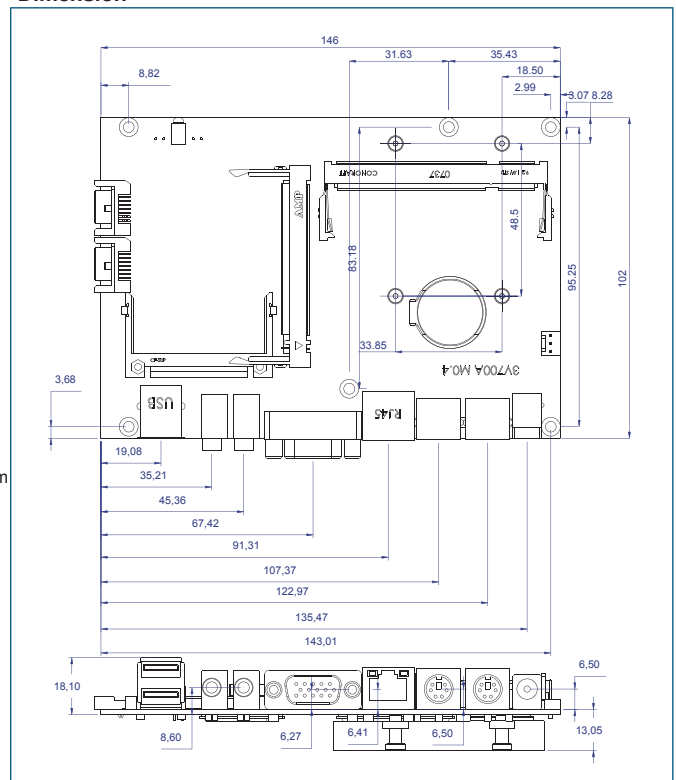
Chassis Temperature	UNO	BRIK
0°C	Pass	Pass
25°C	Pass	Pass
40°C	Pass	45°C

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

Ordering Information

3V700A-1R10U	1 Realtek LAN, VIA V4 Eden ULV 1 GHz CPU
3V700A-1R50E	1 Realtek LAN, VIA V4 Eden 500 MHz CPU
3V700A-1R15C	1 Realtek LAN, VIA V4 C7 1.5 GHz CPU

Dimension



Back Panel

