



CI963A / CI945A Series

Application
Network Appliances for Firewall, VPN, and Server

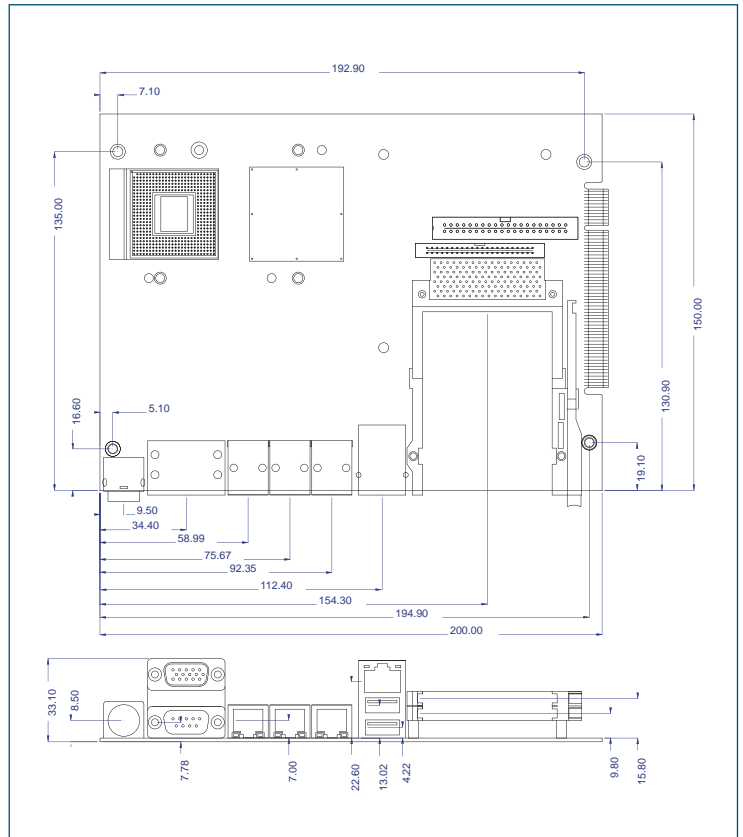
Features



Specifications

- . CPU type Intel Core 2 Duo / Core Duo
- . Front Side Bus 533 / 667 MHz
- . MB Chipset Intel 945 GME + ICH7M (82801 GBM)
- . Graphics Intel Gen 3.5 Integrated Graphics Engine
Dynamic Video Memory Technology (DVM T 3.0)
Higher performance MPEG-2 decoding
- . LVDS (option) Data format of 18 bits / 36 bits
- . Memory 1 x DDRII SODIMM (max. 2 GB)
- . IDE Ultra ATA 100 / 66 / 33, 1 x 40 pin 2.54mm, 1 x 44 pin 2.0mm
CF Card Type II for ATA interface
- . SATA 2 x SATA ports
- . Audio Intel HD Audio
- . LAN 4 x Intel 82573L 10 / 100 / 1000 Mbps or
Realtek RTL8102E 10 / 100 Mbps LAN. Supports PCIe
- . IO function 1 x RS232
IrDA 1.0 / ASKIR protocol
PS/2 keyboard & mouse
- . USB 8 x USB 2.0 (2 external + 6 internal)
- . PCMCIA (CI963A) 2 x sockets for CardBus (Card-32) and 16-bit Card
- . DIO & WDT Hardware digital Input & Output, 4 x DI / 4 x DO
Hardware Watch Dog Timer, 0~255 sec programmable
- . Expand interface 1 x Mini PCI socket
1 x PCI gold finger
- . Power On board DC +12V ± 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

Dimension



Ordering Information

- . CI945A-4RXX 4 LAN Realtek 8102E, Intel CoreDuo / Core2Duo socket
- . CI945A-4UXX 4 LAN Intel 82573L, Intel CoreDuo / Core2Duo socket
- . CI963A-4RXX 4 LAN Realtek 8102E, Intel CoreDuo / Core2Duo socket
- . CI963A-4UXX 4 LAN Intel 82573L, Intel CoreDuo / Core2Duo socket

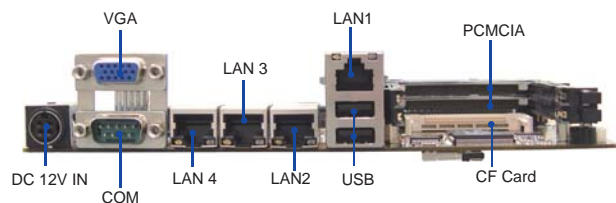
Testing environment

Model name : CI945A / CI963A-4RXX
CPU : Intel 440 Celeron M 1.86 Ghz / Intel T7400 Core 2 Duo 2.16 Ghz
Chipset : Intel 945 GME & ICH7M
OS : WIN XP
Testing Program : 3D Mark 2001 SE

Chassis Temperature	Fanless solution with CF card & 2.5" HDD		
	NEO	TINO	TWISTER
0°C	Pass	Pass	Pass
25°C	Pass	Pass	Pass
40°C	35°C	Pass	Pass

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

Back Panel(CI963A)



Back Panel(CI945A)

