

CI945C Series

Application

POS, KIOSK, Information desk, Automation control

Features



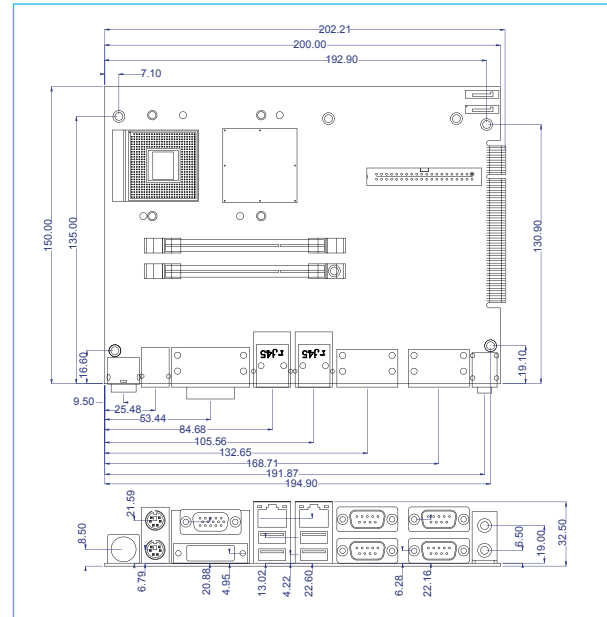
Specifications

- . 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 (DVMT 3.0)
Higher performance MPEG-2 decoding
- . LVDS Data format of 18 bits / 36 bits
- . Memory 2 x DDRII SODIMM (max. 3 GB)
- . IDE Ultra ATA 100 / 66 / 33, 1 x 40 pin 2.54mm
CF Card Type II for ATA interface
- . SATA 2 x SATA ports
- . Audio Intel HD Audio
- . LAN 2 x Realtek RLT8111C 10 / 100 / 1000 Mbps or
Realtek RLT8102E 10 / 100 Mbps. Supports PCIe
- . IO function 6 x RS232 (1 x RS232 / 422 / 485)
IrDA 1.0 / ASKIR protocol
PS/2 keyboard & mouse
- . USB 8 x USB 2.0 (4 external + 4 internal)
Supports DVI-D. Transmitter up to 165M pixels / sec.
- . DVI 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
- . Touch Screen (option) USB interface Touch screen controller
Supports 4- , 5- , 8- wire Analog Resistive Touch screen
- . DIO & WDT USB 1.1 full speed sample rate maximum of 300 point / sec
Hardware digital Input & Output, 8 x DI / 8 x DO
Hardware Watch Dog Timer, 0~255 sec programmable
- . Expand interface 1 x Mini PCI socket
1 x PCI gold finger
(with RS007 / RS009 riser card upgrade to 2 x PCI card)
1 x PCIe mini card for PCIe & USB interface
- . 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

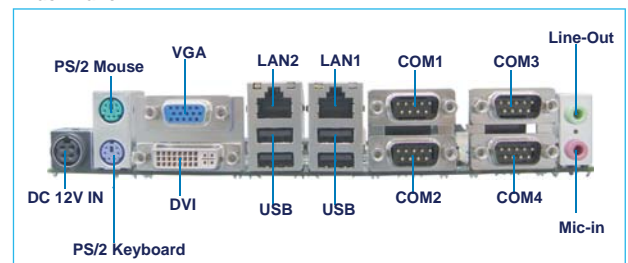
Ordering Information

- . CI945C-2GXX 2 LAN Realtek 8111C,
Intel CoreDuo / Core2Duo socket
- . CI945C-TGXX 2 LAN Realtek 8111C,
Intel CoreDuo / Core2Duo socket, Touch Screen

Dimension



Back Panel



Testing environment

Model name : **CI945C-2GXX**
 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

Fanless solution with CF card & 2.5" HDD			
Chassis Temperature	Neo	Tino	Twister
0°C	Pass	Pass	Pass
25°C	Pass	Pass	Pass
40°C	35°C	Pass	45°C

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