

Car PC

Networking

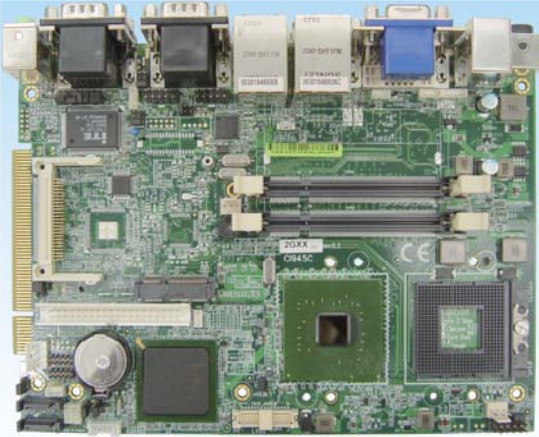
POS / Automation

DVR

Digital Signage / Thin Client

Embedded System

Panel PC



### CI945C Series

Application

POS / KIOSK / Information desk / Automation control

Features



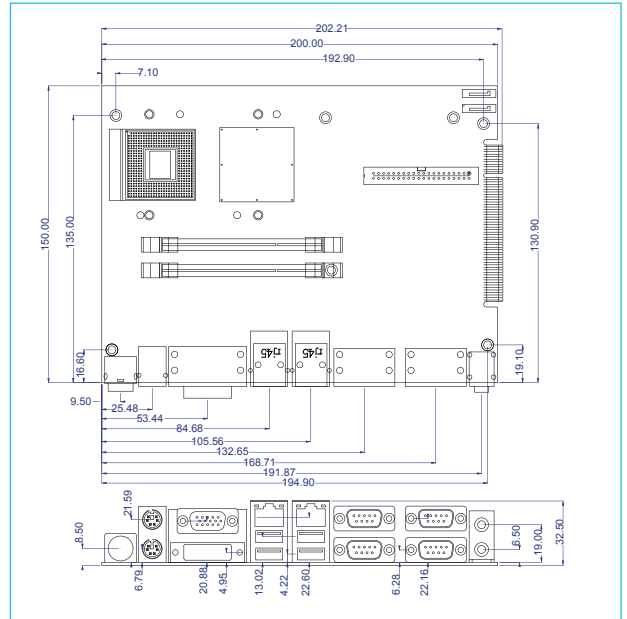
#### Specifications

MODEL	CI945C Series
CPU Type	Intel Core 2 Duo / Core Duo CPU socket M
Front Side Bus	533 / 667 MHz
MB Chipset	Intel 945 GME + ICH7M ( 82801 GBM )
BIOS	Award BIOS
Graphics	Intel Gen 3.5 Integrated Graphics Engine Dynamic Video Memory Technology ( DVM 3.0 ) Higher performance MPEG-2 decoding
LVDS	LVDS1: 18/36 bits / LVDS2: 24/48 bits (option)
System Memory	2 x DDR2 SO-DIMM socket (max. 3GB)
IDE	Ultra ATA 100 / 66 / 33, 1 x 40 pin 2.54mm CF Card Type 2 socket for ATA interface
SATA	2 x SATA ports
Audio	Intel HD Audio Specification Rev. 1.0 Compliant Support Line-out / Mic-in / Line-in
LAN	2 x Realtek RLT8111C 10 / 100 / 1000 Mbps or Realtek RLT8102E 10 / 100 Mbps. Supports PCIe
USB	8 x USB 2.0 ( 4 external + 4 internal )
IO Function	5 x RS232 + 1 x RS232 / 422 / 485 IrDA 1.0 / ASKIR protocol PS/2 keyboard & mouse
DVI	Support DVI-D. Transmitter up to 165M pixels / sec.
Audio Amplifier (option)	Two channels Audio Amplifier 6W/CH Class-D operation into an 8-Ω Load from a 12-V Supply
Touch Screen (option)	USB interface Touch screen controller Support 4- , 5- , 8- wire Analog Resistive Touch screen USB 1.1 full speed sample rate maximum of 300 point / sec
DIO & WDT	Hardware digital Input & Output, 8 x DI / 8 x DO Hardware Watch Dog Timer, 0~255 sec programmable
Expansion Interface	1 x Mini PCI socket 1 x PCI gold finger ( with RS007 / RS009 riser card upgrade to 2 x PCI card ) (with RS010/RS011 Riser Card support PCIe x1 interface) 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 Temperature	0 ~ 60 °C
Operation Humidity	5 ~ 95% @ 60 °C, non-condensing

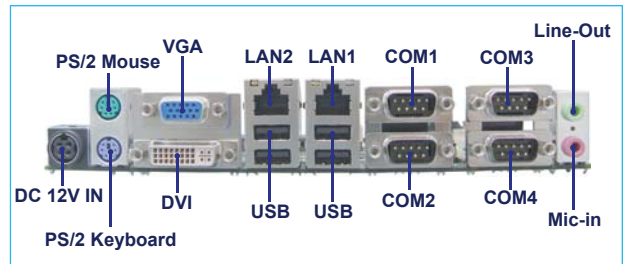
#### Ordering Information

- . CI945C-2GXX 2 Realtek GbE, CPU socket
- . CI945C-TGXX 2 Realtek GbE, CPU 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

Chassis	Fanless solution with CF card			
	Neo	Tino	Twister	15"/17" Slim Panel PC
Temperature				
0°C~45°C	Pass	Pass	Pass	Pass
50°C	—	Pass	Pass	Pass
55°C	—	—	Pass	—

Chassis	Fanless solution with 2.5" HDD			
	Neo	Tino	Twister	15"/17" Slim Panel PC
Temperature				
0°C~45°C	Pass	Pass	Pass	Pass
50°C	—	—	Pass	Pass

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