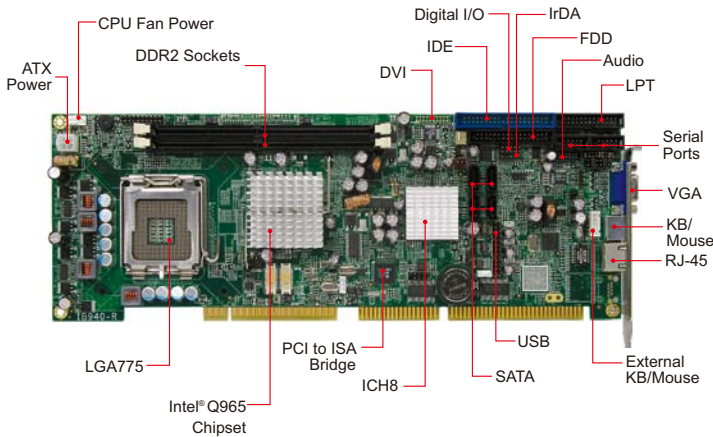


# IB940



## Features

- Supports Intel® Core™2 Duo processors  
Up to 2.66GHz, 533/800/1066MHz FSB
- 2x DDR2 DIMM, Max. 4GB
- Integrated graphics subsystem, GMA 3000
- With DVI and 24-bit LVDS support
- 10/100BaseT or dual Gigabit LAN
- 4x SATA II, 6x USB 2.0, 2x COM, Watchdog timer
- Digital I/O, ISA High Drive, Mini PCI-E socket



## System

CPU Socket	LGA775 for Intel® Core™2 Duo, up to 2.66GHz
System Memory	2x DDR2 DIMM, Max. 4GB
System Chipset	Intel® Q965 + ICH8, 533/800/1066MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slot	Mini PCI-E socket (solder side) for wireless LAN modules, etc.

## Graphics

VGA Controller	Intel® Q965 Express graphics for CRT (Intel® GMA 3000)
VGA Memory	DVMT 4.0 (Intel® GMA 3000); supports memory allocation up to 256MB
LCD Interface	Chrontel CH7307C for DVI; Chrontel CH7308B for 24-bit single/dual channel LVDS

## LAN

LAN Controller	Intel® 82562V Ekron-N 10/100BaseT LAN (for IB940) or Intel® 82566DM Gigabit with Intel® 82573L PCI-E Gigabit LAN (for IB940F)
Connector	RJ-45 on board

## Multi I/O

I/O Chipset	ICH8, JMicron JM368 & Winbond W83627EHG for 4x SATA II, 1x PATA, 1x IrDA, 1x LPT, 1x RS-232, 1x RS-232/422/485, 1x FDD, 1x KB, 1x Mouse
USB	Pin header for 6 ports (USB 2.0)
Audio	Intel® ICH8 built-in high definition audio, ALC888 Codec
Others	Digital I/O (4-in/4-out), ISA High Drive

## Mechanical and Environmental

Dimensions	338mm x 122mm (13.31" x 4.8")
Max. Power Requirement	Intel® Core™2 Duo E6420 2.13GHz w/ 2x 1GB DDR2-800 +5V: 6.74A +12V: 3.29A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)

## Ordering Information

IB940-R	LGA775 Q965 Full-Size CPU card w/ VGA and 10/100 LAN
IB940F-R	LGA775 Q965 Full-Size CPU card w/ VGA and dual Gigabit LAN
IP470	PICMG 1.0 Backplane w/ 12x PCI, 2x ISA

Remarks:

\* Specifications are subject to change without prior notice.

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CPU Modules

PC/104 Plus

CPU Cards

AGP & MicroAGP

Embedded Systems

Network Security Appliance