

Features

Supports Intel® Core™2 Duo processors
Up to 2.4GHz, 533/667/800MHz FSB

DDR2 DIMM x 2, Max. 4GB

Intel GMA X3100 VGA for CRT/LVDS,
Chrontel 7307C for DVI support

Integrated Gigabit Ethernet, optional Marvell
PCI-Express Gigabit Ethernet for LAN2

Watchdog timer, Digital I/O

2 x SATA II, 6 x USB, 4 x COM, PCI, Mini PCI



System

CPU :	Socket 479 for Intel® Core™2 Duo, up to 2.4GHz
System Memory :	DDR2 DIMM x 2, Max. 4GB
System Chipset :	Intel® GM965 (667/800MHz FSB) or Intel® GL960 (533MHz FSB) + ICH8M
BIOS :	Award
Watchdog Timer :	256 levels
SSD :	Type II CF socket
H/W Monitor :	Yes
Expansion Slot :	1 PCI (2 masters), Mini PCI

Graphics

VGA Controller :	Intel® GM965/GL960 built-in GMA X3100 Graphics Int. frequency: 500/400MHz (GM965/GL960)
VGA Memory :	Intel Dynamic Video Memory Technology (DVMT 4.0) Max. shared memory: 384MB
DVI and LVDS :	18/24-bit LVDS (single/dual channel) Optional Chrontel 7307C for DVI support

Ethernet

Controller :	ICH8M Gigabit LAN for LAN1 (IB950/IB950F) Marvell 80E8053 PCI-E Gigabit LAN for LAN2 (IB950F)
Connector :	Pin header for RJ-45

Multi I/O

Chipset :	ICH8M, Winbond W83627HG + Fintek F81216D 1x IDE (UDMA33/66/100), 1x KB, 1x Mouse, 1x LPT, 1x slim FDD, 3x RS-232, 1x RS232/422/485, 2x SATA II
USB :	Pin header for 6 ports (USB 2.0)
Audio :	Built-in audio + AC97 codec
Others :	Digital I/O (4 in, 4 out)

Mechanical & Environmental

Dimensions :	203mm x 146mm (8" x 5.75")
Max. Power Requirement :	TBC
Operating Temperature :	0°C~60°C (32°F~140°F)
Storage Temperature :	-20°C~80°C (-68°F~176°F)
Relative Humidity :	10%~90% (non-condensing)

Ordering Information

IB950	Socket 479 5.25-inch GM965 SBC w/ VGA and Gigabit Ethernet
IB950F	Socket 479 5.25-inch GL960 SBC w/ VGA and dual Gigabit Ethernet

Remarks:

* Cable kit for IB950 series 5.25-inch SBC is optional.

* Specifications are subject to change without prior notice.