

IB940F PICMG 1.0 Single Board Computer for Intel Core 2 Duo CPUs



Intel® Core™ 2 Duo with 2-PCI Express Gigabit LANs, SATA & VGA



Features

- Intel® Core™ 2 Duo with 533/800/1066 MHz FSB
- Intel® Q965 and ICH8 chipset
- 2 x 240-pin DIMM, Supports Dual Channel 533/667/800 MHz DDR2 up to 4 GB
- 2 x Intel® 82566DM Gigabit Ethernet LANs
- 4 x SATA, 6 x USB 2.0, 2 x COM Ports

Specifications

CPU	Supports Intel® LGA775 Core 2 Duo / Pentium® 4 / Pentium® D / Celeron® D processors
Main Memory	2 x 240-pin DIMM, support Dual channel 533/667/800 MHz SDRAM DDR2 memory up to 4 GB
Chipset	Intel® Q965 Graphics Memory
BIOS	Award System BIOS, ACPI supported
On-board LAN	2 x Intel® 82566DM Gigabit Ethernet LAN, 2 x RJ4
Video	Intel® Q965 GMCH Integrated Intel® GMA 3000 Max 256 MB of DVMT for graphics memory, Chrontel CH7307C x1 for DVI
Audio	Intel ICH8 built-in high definition audio with Realtek ALC888 codec; supports 5.1 CH audio

LPC I/O	W83627EHG chipset supports IrDA x 1, Parallel x 1, COM1 (RS-232), COM2 (RS232/422/485), floppy, Hardware Monitor (3 terminal inputs, 4 voltage monitor inputs, VIDO-4, 2 fan headers
FDD Interface	Supports up to two floppy disk drives: 3.5" and/or 5.25" drives; 3 Mode support
SATA	Intel ICH8 built-in SATA controller (supports 4-ports)
K'Board/Mouse	PS2 type
USB	USB 2.0: 6 ports, 2 ports through I/O bracket, 4 ports through 1x6 JST
Watchdog Timer	Generates system reset; 256 levels
Dimensions	338mm (L) x 122 mm (W)
Environment	Operating temperature: 0°C to 60°C Storage temperature: -20°C to 85°C Relative humidity: 10% to 90% (Non-condensing) Non-operating 5%~95%, non-condensing
Certifications	CE approval FCC Class A

All specifications are subject to change without notice.

