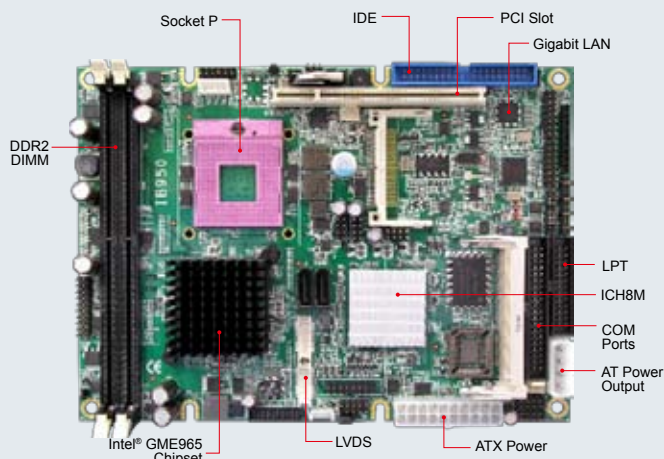


IB950



Features

- Supports Intel® Core™2 Duo processors
Up to 2.4GHz, 533/667/800MHz FSB
- 2x DDR2 DIMM, Max. 4GB
- Intel® GMA X3100 VGA for CRT/LVDS, Chrontel 7307C for DVI support
- Integrated Gigabit LAN, optional Marvell PCI-E Gigabit LAN
- Watchdog timer, Digital I/O
- 2x SATA II, 6x USB, 4x COM, PCI, Mini PCI

System

CPU	Socket P for Intel® Core™2 Duo, up to 2.4GHz
System Memory	2x DDR2 DIMM, Max. 4GB
System Chipset	Intel® GME965 (667/800MHz FSB) + ICH8M
BIOS	Award
Watchdog Timer	256 levels
SSD	Type II CF socket
H/W Monitor	Yes
Expansion Slots	1x PCI (2 masters), 1x Mini PCI

Graphics

VGA Controller	Intel® GME965 built-in GMA X3100 graphics frequency: 500/400MHz
VGA Memory	Intel Dynamic Video Memory Technology (DVMT 4.0) Max. shared memory: 384MB
Display Interface	18/24-bit LVDS (single/dual channel) Optional Chrontel 7307C for DVI support

LAN

LAN Controller	Intel® ICH8M Gigabit LAN for LAN1 Marvell 80E8053 PCI-E Gigabit LAN for LAN2
Connector	Pin header for RJ-45

Multi I/O

I/O Chipset	Winbond W83627EHG + Fintek F81216D 1x IDE, 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 w/ Realtek ALC885 codec for 5.1CH
Others	Digital I/O (4-in/4-out)

Mechanical and Environmental

Dimensions	203mm x 146mm (8" x 5.75")
Max. Power Requirement	Intel® Core™2 Duo T7500 2.2GHz w/ 2x 1GB DDR2 +5V: 4.73A +12V: 3.48A +3.3V: 1.25A
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

IB950EF	Socket P GME965 5.25-inch SBC w/ VGA and dual Gigabit LAN
IB18A	Cable kit for IB950EF, w/ FDD, IDEx2, COM, printer, VGA, audio, PS/2, USB, DVIK-2 (DVI cable), SATA-1 and PW34
ID492	Button/USB/LAN/COM interface board
ID493	Audio/USB/DVI/Dsub interface board
ID950	GbE RJ45 x2

Remarks:

1. For optional daughter boards and riser cards, please refer to page 19-20.
2. Specifications are subject to change without prior notice.