

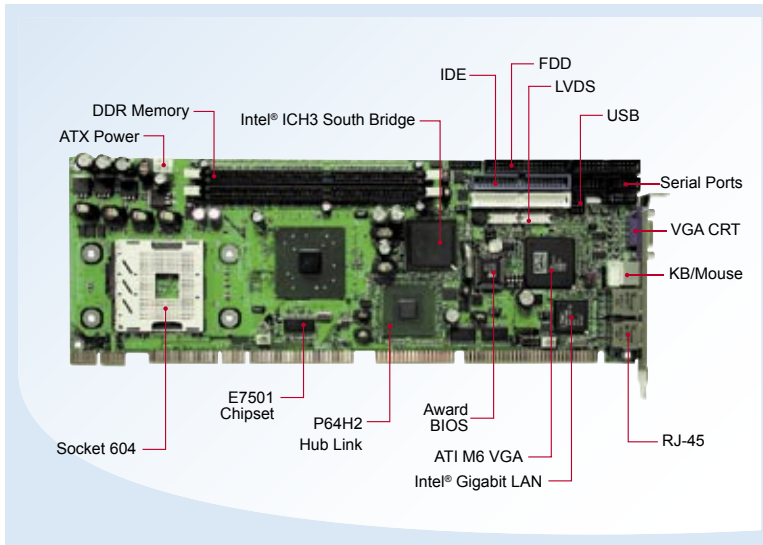
# CPU Cards

## IB900



Socket 604 PCI-X Full-Size CPU Card w/ Intel® E7501 Chipset

Xeon™-Based



### >> Features

- Supports Xeon™ or LV Xeon™ processors  
Up to 3.06GHz, 400/533MHz FSB
- DDR DIMM x 2, Max. 4GB, Dual Channel, Reg. ECC
- ATI Mobility M6 VGA, 8MB, CRT/LVDS
- Dual Gigabit Ethernet, Intel® 82546EB
- 4 x USB 1.1, ISA High Drive, Watchdog timer
- DiskOnChip®, PCI to ISA bridge

## System

CPU	mPGA604 ZIF socket for Intel® Xeon™, up to 3.06GHz
System Memory	DDR DIMM x 2, Max. 4GB, Dual Channel, Reg. ECC
System Chipset	Intel® E7501 + ICH3-S + 82870P2 (P64H2), 400/533MHz FSB
BIOS	Award 4Mbit
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slot	N/A

## Graphics

VGA Controller	ATI Mobility M6
VGA Memory	8MB DDR embedded
LCD Interface	24-bit LVDS (dual channel)

## Ethernet

LAN Controller	Dual Intel® 82546EB Gigabit LAN PCI-X 133MHz 64-bit
Connector	2 RJ-45 on board

## Multi I/O

Chipset	Winbond W83627HF 2x IDE (UDMA33/66/100), 1x FDD, 1x KB, 1x Mouse, 1x RS-232, 1x RS-232/422/485, 1x LPT
USB	Pin header for 4 ports (USB 1.1)
Audio	N/A

## Mechanical and Environmental

Dimensions	338mm x 122mm (13.31" x 4.8")
Max. Power Requirement	Xeon™ 3.06GHz w/ 512MB DDR +5V: 1.38A +12V: 6.31A
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

IB900	Socket 604 PCI-X E7501 CPU card w/ ATI M6 VGA and dual Gigabit Ethernet
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Remarks:

\* Add (-R) after the model name for RoHS-compliant version when ordering.

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For user's manual & datasheet download, visit [www.ibase.com.tw](http://www.ibase.com.tw)