

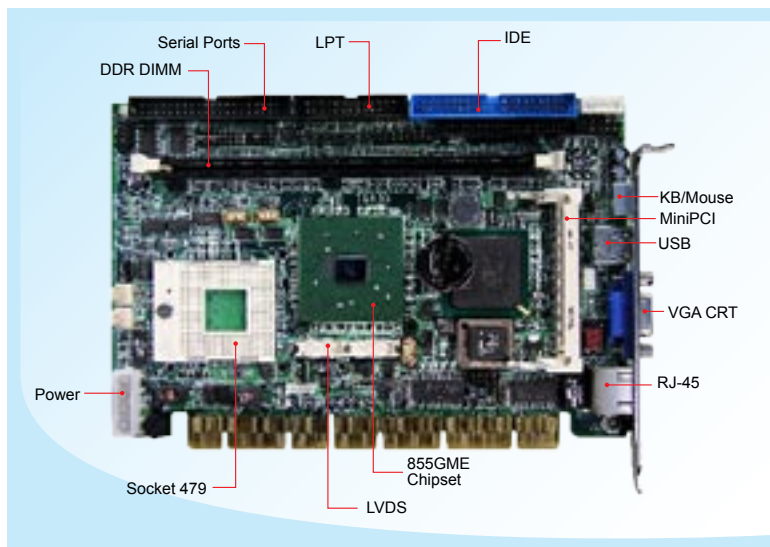
# CPU Cards

## IB890



Socket 479 Half-Size PISA CPU Card w/ Intel® 855GME Chipset

Pentium® M-Based



### >> Features

- Supports Pentium® M / Celeron® M processors  
Up to 2.0GHz, 400MHz FSB
- DDR DIMM x 1, Max. 1GB
- Integrated VGA, shared memory, CRT/LVDS, supports dual display
- Integrated 10/100 BaseT Ethernet
- Watchdog timer, Digital I/O, PCI to ISA bridge
- Type II CF socket, MiniPCI slot
- 3 x USB 2.0, 4 x COM ports

## System

|                |  |
|----------------|--|
| CPU            | Socket 479 for Pentium® M / Celeron® M, up to 2.0GHz |
| System Memory  | DDR DIMM x 1, Max. 1GB                               |
| System Chipset | Intel® 855GME + ICH4, 400MHz FSB                     |
| BIOS           | Award  |
| Watchdog Timer | 256 levels   |
| SSD            | Type II CF socket                                    |
| H/W Monitor    | Yes  |
| Expansion Slot | One MiniPCI Socket                                   |

## Graphics

|                |  |
|----------------|--|
| VGA Controller | Intel® 855GME integrated graphics ( Intel® Extreme Graphics 2 technology), supports dual display |
| VGA Memory     | Intel DVMT 2.0 shared memory<br>Max. 96MB  |
| LCD Interface  | 18/24-bit LVDS (dual channel)  |

## Ethernet

|                |   |
|----------------|---|
| LAN Controller | ICH4 integrated + PHY 82562ET, 10/100Mbps |
|----------------|---|

## Multi I/O

|         |   |
|---------|---|
| Chipset | Winbond W83627HF + Fintek F81216D<br>2x IDE (UDMA33/66/100), 1x FDD, 1x KB, 1x Mouse,<br>3x RS-232, 1x RS-232/422/485, 1x LPT |
| USB     | Supports 3 ports (USB 2.0)  |
| Audio   | Built-in audio + AC97 codec   |
| Others  | IrDA  |

## Mechanical and Environmental

|                        |   |
|------------------------|---|
| Dimensions             | 186mm x 129 mm (7.32" x 5.08")                            |
| Max. Power Requirement | Pentium® M 1.6GHz w/ 1GB DDR<br>+5V: 2.72A<br>+12V: 2.15A |
| 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

|         |  |
|---------|--|
| IB890-R | Socket 479 Half-Size 855GME PISA CPU card w/ VGA and Ethernet (RoHS compliant) |
|---------|--|

Remarks:

\* Specifications are subject to change without prior notice.