

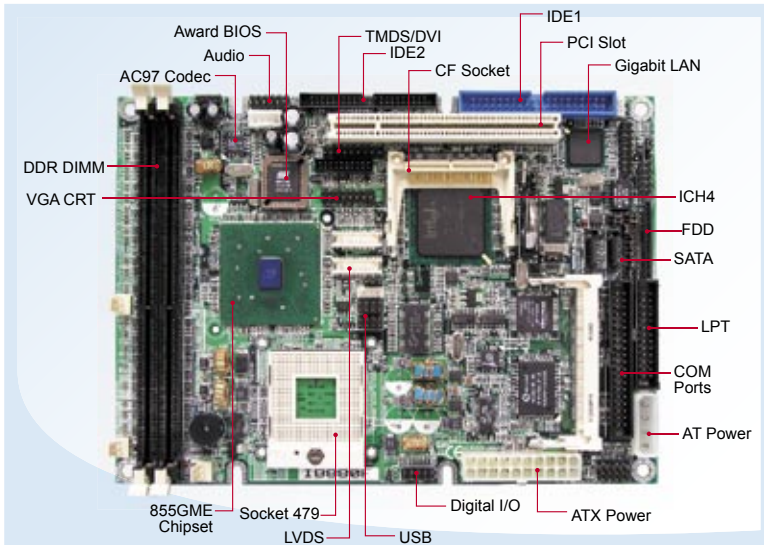
# Disk-Size SBCs

## IB880



Socket 479 Pentium® M 5.25" Disk-Size SBC w/ Intel® 855GME Chipset

Pentium® M-Based



### >> Features

- Supports Pentium® M / Celeron® M processors  
Up to 2.0GHz, 400MHz FSB
- DDR DIMM x 2, Max. 2GB
- Integrated VGA, shared memory, CRT/LVDS/DVI, supports dual display
- Integrated 10/100 BaseT and Intel® Gigabit LAN
- Watchdog timer, Digital I/O
- Type II CF socket, Mini PCI slot
- PCI slot, 2 x SATA, 4 x USB 2.0, 4 x serial ports

## System

|                |  |
|----------------|--|
| CPU            | Socket 479 for Pentium® M / Celeron® M, up to 2.0GHz |
| System Memory  | DDR DIMM x 2, Max. 2GB                               |
| System Chipset | Intel® 82855GME + ICH4, 400/533MHz FSB               |
| BIOS           | Award 4Mbit  |
| Watchdog Timer | 256 levels   |
| SSD            | Type II CF socket                                    |
| H/W Monitor    | Yes  |
| Expansion Slot | 1 PCI (2 masters)<br>Mini PCI                        |

## Mechanical and Environmental

|                        |  |
|------------------------|--|
| Dimensions             | 203mm x 146mm (8" x 5.75")                                 |
| Max. Power Requirement | Pentium® M 1.8GHz, w/ 1GB DDR<br>+5V: 3.13A<br>+12V: 1.70A |
| 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)                                   |

## Graphics

|                |   |
|----------------|---|
| VGA Controller | Intel® 82855GME integrated, supports dual display |
| VGA Memory     | Shared memory<br>Max. 64MB                        |
| LCD Interface  | 24-bit LVDS (dual channel)                        |

## Ethernet

|                |  |
|----------------|--|
| LAN Controller | ICH4 integrated LAN, 10/100Mbps<br>Optional 82541GI Gigabit LAN, 10/100/1000Mbps |
| Connector      | Pin header for RJ-45   |

## 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 RS232/422/485, 1x LPT, 2x SATA |
| USB     | Pin header for 4 ports (USB 2.0)  |
| Audio   | Built-in audio + AC97 codec   |
| Others  | IrDA  |

## Ordering Information

|        |   |
|--------|---|
| IB880  | Socket 479 5.25-inch 855GME SBC w/ VGA and 10/100 Ethernet  |
| IB880F | Socket 479 5.25-inch 855GME SBC w/ VGA and Gigabit Ethernet |
| IB18   | Cable kit for IB880   |
| IB18A  | Cable kit for IB880F  |
| IBD    | RJ-45 cable with bracket for IB880                          |
| ID240  | Dual RJ-45 cable for IB880F                                 |

Remarks:

\* Specifications are subject to change without prior notice.

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