### System

**CPU**
- Socket 479 for Pentium® M / Celeron® M or CPU on board
- 600MHz ~ 1.6GHz

**System Memory**
- 1x SO-DIMM, Max. 1GB, DDR200/266/333

**System Chipset**
- Intel® 855GME/852GM +ICH4, 400MHz FSB

**BIOS**
- Award

**Watchdog Timer**
- 256 levels

**SSD**
- N/A

**H/W Monitor**
- Yes

**Expansion Slot**
- 1x PCI-104

### Graphics

**VGA Controller**
- Intel® 855GME/852GM integrated Extreme Graphics 2, supports dual display

**VGA Memory**
- Intel Dynamic Video Memory Technology (DVMT 2.0) Max. shared memory: 96MB

**Display Interface**
- Support CRT, 18-bit LVDS (dual channel)

### LAN

**LAN Controller**
- Intel® ICH4 integrated, 10/100Mbps + PHY 82562ET

**Connector**
- RJ-45 on board

### Multi I/O

**I/O Chipset**
- Winbond W83627HF
  - 2x IDE, 1x slim FDD, 1x KB, 1x Mouse, 2x RS-232, 1x LPT

**USB**
- 4 ports (2 on board, 2 via pin header), USB 2.0

**Audio**
- Built-in audio + AC97 codec

### Features
- Supports Pentium® M / Celeron® M processors
  - Up to 1.6GHz, 400MHz FSB
- 1x DDR SO-DIMM, max. 1GB
- Integrated VGA, shared memory, CRT/LVDS, supports dual display
- Integrated 10/100BaseT LAN
- Watchdog timer, Hardware Monitor
- 1x PCI-104, 4x USB 2.0, 2x COM

### Mechanical and Environmental

**Dimensions**
- 102mm x 147mm (4” x 5.8”)

**Max. Power Requirement**
- DC 12V: 3.5A

**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

- **IB881-R**
  - Socket 479 855GME 3.5-inch SBC w/ VGA
  - and 10/100 LAN

- **IB881-C6K-R**
  - Intel® Celeron® M 600MHz (512K cache)
  - 852GM 3.5-inch SBC w/ VGA and 10/100 LAN

- **IB881-C1G-R**
  - Intel® Celeron® M 1GHz (Zero cache) 852GM 3.5-inch SBC w/ VGA and 10/100 LAN

- **IB32**
  - Cable kit for IB881 series, w/ IDE, COM, printer, audio, USB and PS/2 Y cable

- **IB33**
  - ATX power switch/power cable for IB881 series

- **ASB200-881-6M**
  - Aluminum Chassis with IB881-C6K-R 3.5” SBC, 2.5” HDD holder, 60W Power Adaptor

- **CSB100-881C**
  - Steel Chassis for IB881-R 3.5” SBC, 2.5” HDD holder, 60W Power Adaptor

- **CSB100-881M**
  - Steel Chassis with IB881-R 3.5” SBC, 2.5” HDD holder, 60W Power Adaptor

- **CSB100-881C6C**
  - Steel Chassis with IB881-C6K 3.5” SBC, 2.5” HDD holder, 60W Power Adaptor

### Remarks
- * Specifications are subject to change without prior notice.