

# Disk-Size SBCs

## IB881

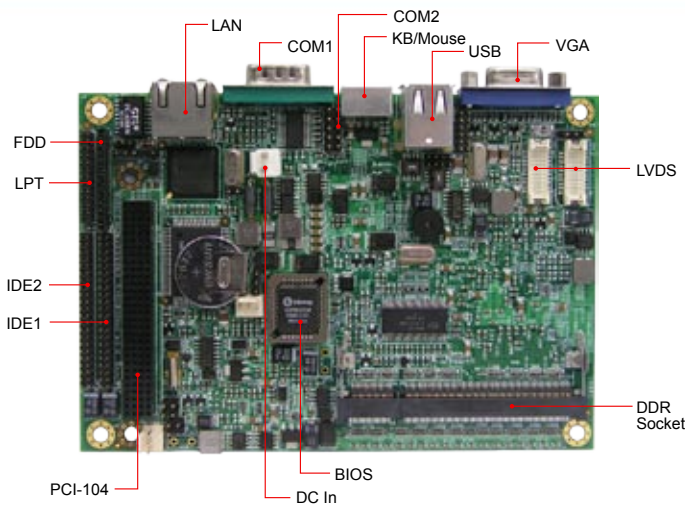
3.5" SBC

Socket 479 3.5" Disk-Size SBC with Intel® 855GME / 852GM Chipset

Intel® Pentium® M-Based



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Disk-Size SBCs



### 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

### 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

### 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)

### 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
LCD Interface	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 (UDMA33/66/100), 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

### Ordering Information

IB881-R	Intel® 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
IB32	Cable kit for IB881 series
IB33	ATX power switch/power cable for IB881 series
CSB100-881	Chassis for IB881 3.5" SBC (see page 110)
ASB200-881	Aluminum Chassis for IB881 3.5" SBC (see page 115)

Remarks:

\* Specifications are subject to change without prior notice.