

Features

Supports Pentium® M / Celeron® M processors
Up to 1.6GHz, 400MHz FSB

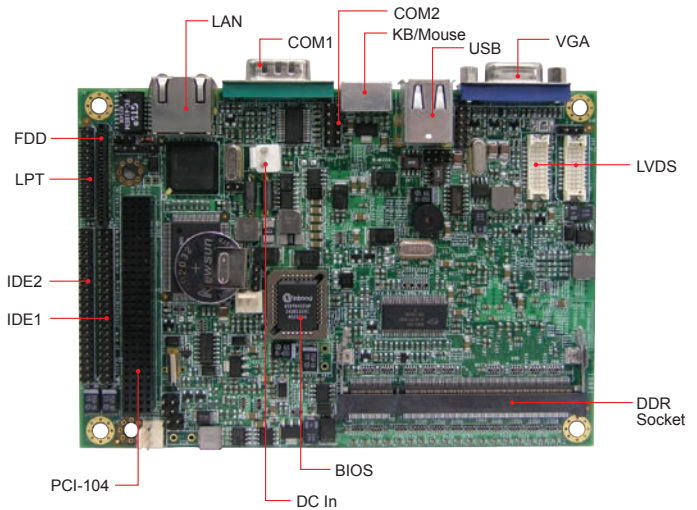
DDR SO-DIMM x 1, max. 1GB

Integrated VGA, shared memory, CRT/LVDS,
supports dual display

Integrated 10/100 BaseT Ethernet

Watchdog timer, Hardware Monitor

PCI-104 socket, 4 x USB 2.0, 2 x COM



System

CPU :	Socket 479 for Pentium® M / Celeron® M or CPU on board 600MHz ~ 1.6GHz
System Memory :	SO-DIMM x 1, 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 :	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
LCD Interface :	18-bit LVDS (dual channel)

Ethernet

Controller :	ICH4 integrated, 10/100Mbps + PHY 82562ET
Connector :	RJ-45 on board

Multi 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

Mechanical & 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 (-68°F~176°F)
Relative Humidity :	10%~90% (non-condensing)

Ordering Information

IB881-R	Intel® 855GME 3.5-inch SBC w/ VGA and 10/100 Ethernet (RoHS compliant)
IB881-C6K-R	Intel® Celeron® M 600MHz (512K cache) 852GM 3.5-inch SBC w/ VGA and 10/100 Ethernet (RoHS compliant)

Remarks:

* Cable kit for IB881 series SBC is optional.

* Specifications are subject to change without prior notice.