

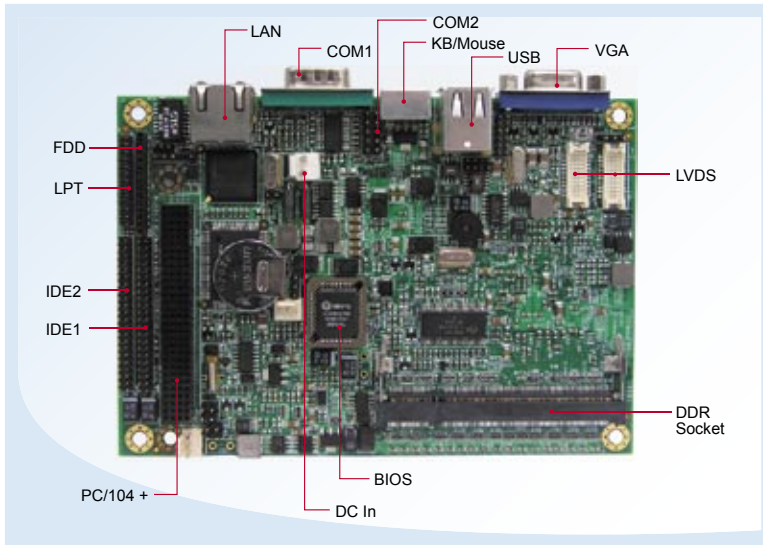
Disk-Size SBCs



IB881 **NEW**

Intel® Pentium® M / Celeron® M 3.5" Disk-Size SBC with Intel® 855GME / 852GM

Pentium® M-Based



>> 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 4Mbit
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slot	PCI-104

Graphics

VGA Controller	Intel® 855GME/852GM integrated, supports dual display
VGA Memory	Shared memory Max. 64MB
LCD Interface	18-bit LVDS (dual channel)

Ethernet

LAN 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 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 (-68°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

IB881	Intel® 855GME 3.5-inch SBC w/ VGA and 10/100 Ethernet
IB881-C8	Celeron® M 800MHz (0 cache) Intel® 852GM 3.5-inch SBC w/ VGA and 10/100 Ethernet

Remarks:

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

Disk-Size SBCs

For user's manual & datasheet download, visit www.ibase.com.tw