

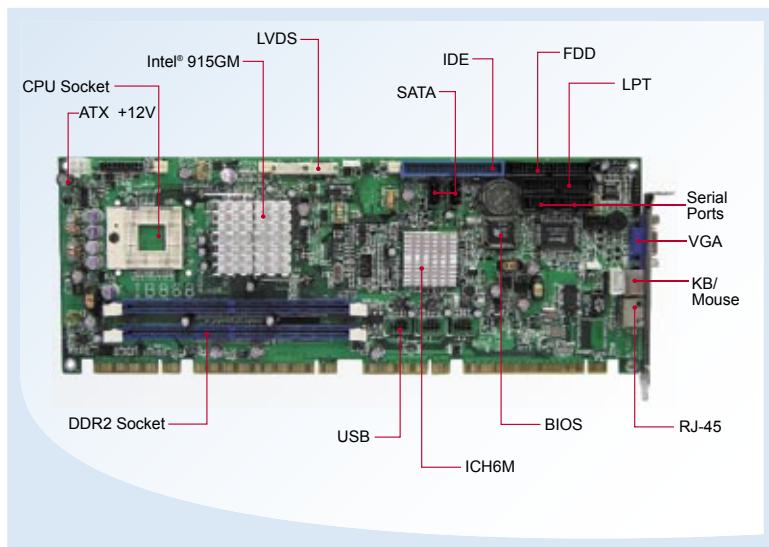
# CPU Cards



# IB868

Socket 479 PICMG 1.3 SHB Express Full-Size CPU Card w/ Intel® 915GM Chipset

Pentium® M-Based



## Features

- Supports Pentium® M / Celeron® M processors, Up to 2.26GHz, 400MHz/533MHz FSB
- DDR2 SDRAM DIMM x 2, Max. 2 GB
- Onboard 10/100 BaseT, optional Gigabit Ethernet
- Integrated Intel® 915 Express VGA for CRT/LVDS
- 6 x USB 2.0, 2 x COM, Watchdog timer, Digital I/O
- Optional backplane with 3 x PCI-E (x1), 1 x PCI-E (x16), 4 x PCI

## System

CPU	Socket 479 for Pentium® M / Celeron® M processors
System Memory	DDR2 SDRAM DIMM x 2, Max. 2GB
System Chipset	Intel® 915GM + ICH6M, 400/533MHz FSB
BIOS	Award 4Mbit
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slot	N/A

## Graphics

VGA Controller	Intel® 915GM integrated
VGA Memory	DVMT 3.0 support; Max memory allocation based on total system memory
LCD Interface	Intel® 915GM integrated, supports 18-bit dual channel LVDS

## Ethernet

Controller	ICH6M integrated 10/100; optional Marvell 88E8053 PCI Express Gigabit LAN
Connector	RJ-45 on board

## Multi I/O

Chipset	ICH6M, Winbond 83627EHF 1x IDE (UDMA33/66/100), 2x SATA, 2x RS-232, 1x FDD, 1x LPT, 1x KB, 1x Mouse
USB	Pin header for 6 ports (USB 2.0)
Audio	Built-in audio + AC97 codec
Others	IrDA, Digital I/O (4-in/4-out), Smart fan

## Mechanical and Environmental

Dimensions	338mm x 126mm (13.31" x 4.96")
Max. Power Requirement	Pentium® M 2.6GHz/ 533 / 2MB w/ 2GB DDR +5V: 7.37A +12V: 5.16A
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

IB868	Socket 479 PICMG 1.3 915GM Full-Size CPU Card w/ VGA, ICH LAN
IB868F	Socket 479 PICMG 1.3 915GM Full-Size CPU Card w/ VGA, ICH LAN and PCI Express Gigabit LAN
IP380	FlexATX Backplane for PICMG 1.3 CPU Card with 3 x PCI-E (x1), 1 x PCI-E (x16), 4 x PCI slots

Remarks:

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