

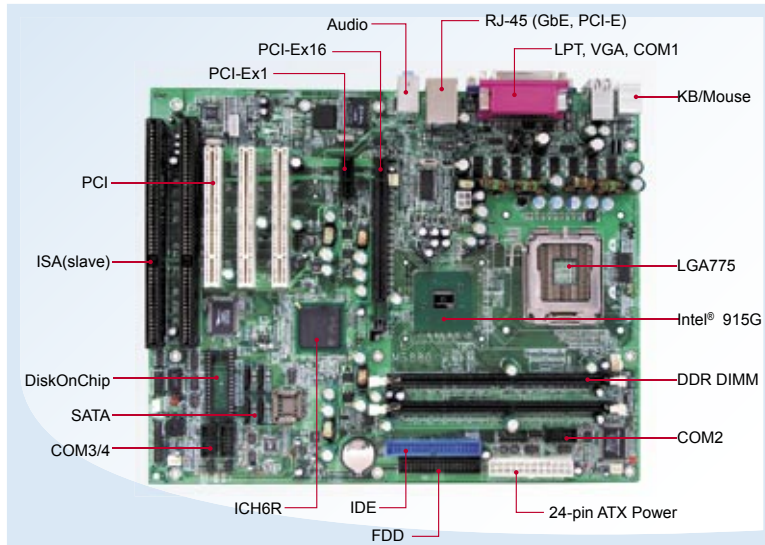
# IPC Motherboards

## MB880



LGA775 Pentium® 4 ATX Motherboard w/ Intel® 915G/915GV Chipset

Pentium® 4-Based



### >> Features

- Supports Pentium® 4 processors  
Up to 3.8GHz, 800MHz FSB
- DDR DIMM x 2, Max. 2GB DDR, Dual Channel
- Intel® 915G/915GV integrated VGA, CRT interface
- Dual Marvell 88E8053 PCI Express GbE
- 4 x SATA, 6 x USB 2.0
- 3 x PCI, 1 x PCI-E(x1), 1 x PCI-E(x16), 2 x ISA slots (slave only)

## System

CPU	LGA775 for Intel® Pentium® 4, up to 3.8GHz
System Memory	DDR DIMM x 2, Max. 2GB
System Chipset	Intel® 915G/915GV + ICH6R, 800MHz FSB
BIOS	Award 4Mbit
Watchdog Timer	256 levels
SSD	DiskOnChip®
H/W Monitor	Yes
Expansion Slot	3 PCI, 1 PCI-E(x1), 1 PCI-E(x16), 2 ISA (slave only)

## Graphics

VGA Controller	Intel® 915G integrated
VGA Memory	Shared memory Max. 128MB
LCD Interface	Optional via PCI Express

## Ethernet

Controller	One or two Marvell 88E8053 PCI Express Gigabit LAN
Connector	RJ-45 on board

## Multi I/O

Chipset	Winbond W83627HF + Fintek F81216 1x IDE (UDMA33/66/100), 1x FDD, 1x KB, 1x Mouse 3x RS-232, 1x RS232/422/485, 1x LPT, 4x SATA
USB	4 ports on board Pin header for 2 port (USB 2.0)
Audio	Built-in audio + AC97 codec
Others	IrDA, Digital I/O (4 in 4 out)

## Mechanical and Environmental

Dimensions	305mm x 244mm (12" x 9.6")
Max. Power Requirement	Pentium® 4 3.8GHz w/ 2GB DDR +5V: 5.17A +12V: 7.14A
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

MB880	LGA775 915G ATX motherboard w/ VGA and PCI Express Gigabit Ethernet
MB880F	LGA775 915G ATX motherboard w/ VGA and dual PCI Express Gigabit Ethernet
MB880V	LGA775 915GV ATX motherboard w/ VGA and PCI Express Gigabit Ethernet w/o PCI-E (x16) slot
MB880VF	LGA775 915GV ATX motherboard w/ VGA and dual PCI Express Gigabit Ethernet w/o PCI-E (x16) slot

Remarks:

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

Motherboards

For user's manual & datasheet download, visit [www.ibase.com.tw](http://www.ibase.com.tw)