

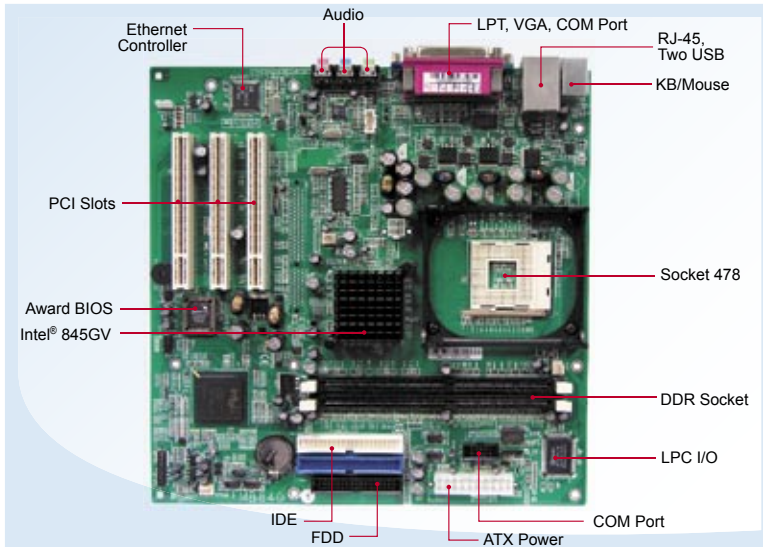
# IPC Motherboards

## MB840



Socket 478 Pentium® 4 Micro ATX Motherboard w/ Intel® 845GV Chipset

Pentium® 4-Based



### >> Features

- Supports Pentium® 4 / Celeron® processors  
Up to 3.06GHz, 400MHz/533MHz FSB
- DDR DIMM x 2, Max. 2GB  
Realtek 8100BL 10/100 BaseT Ethernet
- Integrated VGA for CRT, shared memory
- Watchdog timer, 4 x USB 2.0 ports
- 3 x PCI slots

## System

CPU	Socket 478 for Pentium® 4 / Celeron®, up to 3.06GHz
System Memory	DDR DIMM x 2, Max. 2GB
System Chipset	Intel® 845GV + ICH4, 400MHz/533MHz FSB
BIOS	Award 2Mbit
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slot	3 PCI

## Graphics

VGA Controller	Intel® 845GV integrated
VGA Memory	Shared memory Max. 64MB
LCD Interface	N/A

## Ethernet

LAN Controller	Realtek 8100BL LAN, 10/100Mbps
Connector	RJ-45 on board

## Multi I/O

Chipset	Winbond W83627HF 2x IDE (UDMA33/66/100), 1x FDD, 1x KB, 1x Mouse 2x RS-232, 1x LPT
USB	2 ports on board Pin header for 2 ports (USB 2.0)
Audio	Built-in audio + AC97 codec
Others	IrDA

## Mechanical and Environmental

Dimensions	244mm x 244mm (9.6" x 9.6")
Max. Power Requirement	Pentium® 4 2.4GHz w/ 256MB DDR +5V: 0.61A +12V: 5.15A
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

MB840	Socket 478 845GV ATX motherboard w/ VGA and 10/100 Ethernet
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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)