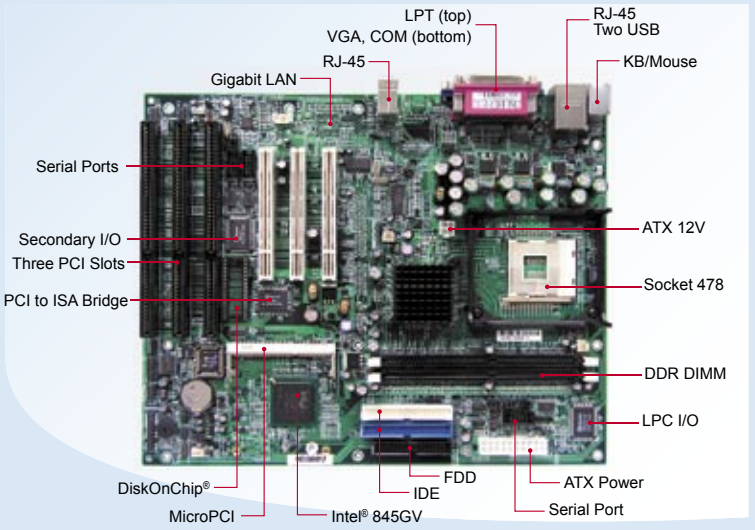
IPC Motherboards

MB800V

Socket 478 Pentium® 4 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
- Onboard 10/100 BaseT Ethernet
- Integrated VGA for CRT, shared memory
- DiskOnChip®, Watchdog timer, 4 x USB 2.0, Digital I/O
- 3 x PCI, 3 x ISA 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 4Mbit
Watchdog Timer	256 levels
SSD	DiskOnChip®
H/W Monitor	Yes
Expansion Slot	3 PCI, 3 ISA, 1 MicroPCI

Graphics

VGA Controller	Intel® 845GV integrated
VGA Memory	Shared memory Max. 64MB
LCD Interface	via optional MicroPCI cards

Ethernet

LAN Controller	ICH4 integrated LAN, 10/100Mbps
Connector	RJ-45 on board

Multi I/O

Chipset	Winbond W83627HF + W83877 2x IDE (UDMA33/66/100), 1x FDD, 1x KB, 1x Mouse, 3x RS-232, 1x RS-232/422/485, 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	305mm x 244mm (12“ x 9.6“)
Max. Power Requirement	Pentium® 4 2.4GHz w/ 512MB DDR +5V: 0.65A +12V: 5.94A
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

MB800V	Socket 478 845GV ATX motherboard w/ VGA and 10/100 Ethernet

Remarks:

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