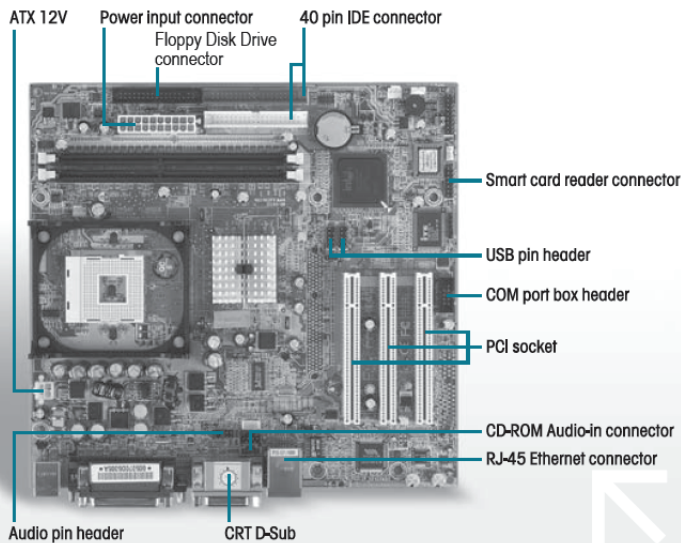


# EMB-845M (MB-845GV)

## Intel® Pentium® 4 and Celeron® Processors



### Features

- Supports Socket 478-based Intel® Pentium® 4 Processor with Hyper Threading Technology, Intel® Celeron® Processors
- AC-97 3D Surround 2 Channel Audio
- 10/100Mbps Fast Ethernet
- 3 PCI Expansion Interface
- 2 COM / 6 USB 2.0 Ports



### Packing List

- 40-pin IDE Cable
- Floppy Disk Drive Cable
- Rear I/O Bracket
- User's Manual
- Utility CD
- EMB-845M

### Ordering Information

- **EMB-845-A10**  
Micro ATX, S-D478, DDR, LAN, Audio, 2COM, USB 2.0, PCI, ATX, Rev. A1.0

### Optional Accessories

- **1759200153**  
CPU Cooler Fan + Heat Sink, Socket 478, 3P, 12V, 2U Low Profile, up to P4 2.8GHz
- **1759200154**  
CPU Cooler Fan + Heat Sink, Socket 478, 3P, 12V, 1U Low Profile, up to P4 2.2GHz

### Specifications

System	
CPU	Socket 478-based Intel® Pentium® 4 and Intel® Celeron® processors (.13µ / .18µ) supports up to 3.06GHz with FSB 400/533MHz
System Memory	184 pin DDR SDRAM DIMM socket x 2, Max. 2GB (DDR266)
Chipset	Intel® 845GV + 82801DB (ICH4)
I/O Chipset	ITE IT8712F
Ethernet	VIA VT6105 LOM, 10/100Base-TX RJ-45 connector x 1
BIOS	AWARD 512KB FLASH ROM
H/W Status Monitoring	Supports power supply voltages, fan speed and temperature monitoring
Expansion Interface	PCI slot x 3
Battery	Lithium battery
Power Requirement	+3.3V, +5V, +5VSB, +12V, ATX12V. ATX
Board Size	9.05" (L) x 9.6" (W) (230.0mm x 243.8mm)
Gross Weight	0.88 lb (0.4kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Display	
Chipset	Intel® 845GV
Memory Size	Shared system memory up to 64MB with DVMT
Resolutions	UP to 1280 x 1024@ 32bpp colors for CRT
I/O	
MIO	EIDE x 2 (UDMA100), Floppy Disk Drive x 1, Keyboard+Mouse x 1, RS-232 x 2, Parallel x 1
IrDA	One IrDA Tx/Rx header
Audio	MIC-in, Line-in, Line-out
USB	Two 5x2 pin headers + Type A connectors

Note: All specifications are subject to change without notice.  
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