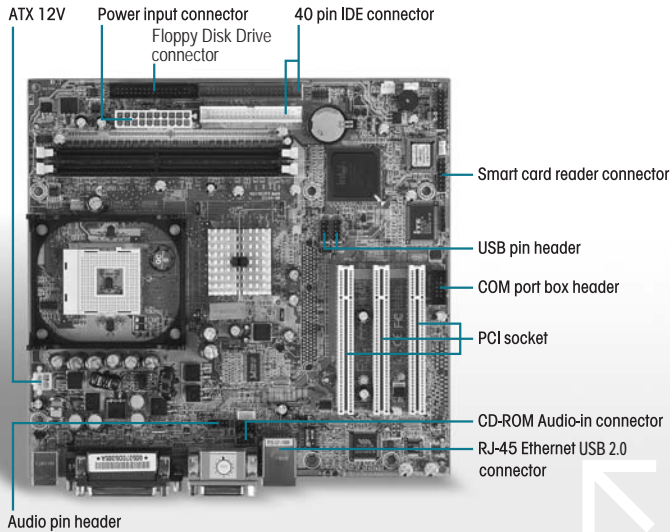


EMB-845M (MB-845GV)

Industrial Computing Platform Partner

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



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 |

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