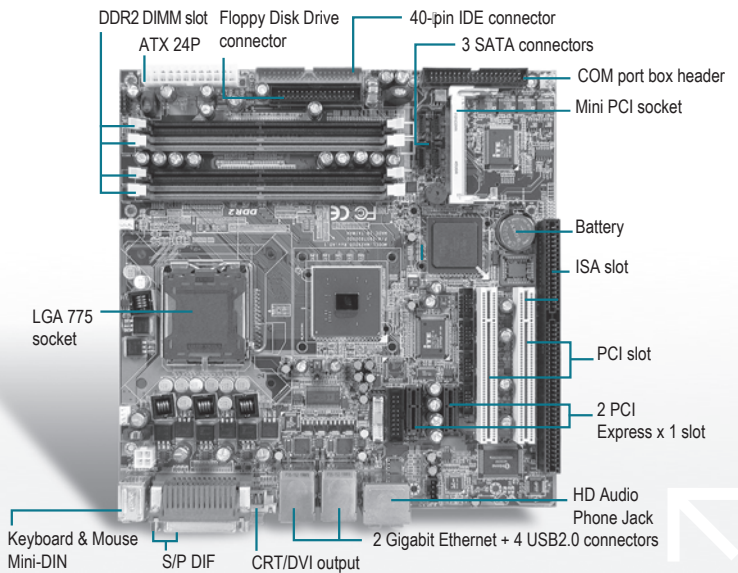


# EMB-900M

Industrial Computing Platform Partner

## Intel® LGA775 Pentium® 4 and Celeron® D Processors



### Features

- Supports Intel® Pentium® 4 / Celeron® D (LGA775) Processor Up to 3.6GHz
- Supports CRT, LVDS and DVI Display
- Two Gigabit Ethernet Ports Support Based Upon PCI Express Bus
- Supports 7.1 Channel High Definition Audio
- Supports Type II CompactFlash™ Memory
- 2 PCI-E / 2 PCI / 1 Mini PCI / 1 Legacy ISA (Optional)
- 4 COM / 8 USB2.0 / Digital I/O Ports



### Specifications

System	
CPU	Supports Pentium® 4 LGA775 processor, up to 3.6GHz
System Memory	Dual Channel DDR-II 400/533, Max. 4GB
Chipset	Intel® 915GV+ICH6
I/O Chipset	ITE 8712
Ethernet	Dual Marvell 88E8053, 10/100/1000 Base-TX RJ-45
BIOS	AWARD 512KB FLASH ROM
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports power supply voltages, fan speed and temperature monitoring
SSD	Type II CompactFlash™ slot x 1
Expansion Interface	PCI slot x 2, PCI Express x 2, Mini PCI x 1, ISA (Optional) x 1
Battery	Lithium battery
Power Requirement	+3.3V, ±5V, +5VSB, ±12V, ATX12V. ATX24P
Board Size	9.6"(L) x 9.6"(W) (244mm x 244mm)
Gross Weight	1.32 lb (0.6kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Display	
Supports CRT/LCD, CRT/DVI, LCD/DVI simultaneous display	
Chipset	Intel® 915GV
Memory	Shared memory up to 224MB with DVMT 3.0
Resolutions	Up to 1600 x 1200
LCD Interface	Up to 48-bit dual channel LVDS, DVI
I/O	
MIO	UDMA100 x 1, SATA x 3, Floppy Disk Drive x 1, PS/2 Keyboard x 1, PS/2 Mouse x 1, RS-232 x 3, RS-232/422/485 x 1, Parallel x 1
IrDA	One IrDA Tx/Rx header
Audio	Mic-in, Line-in, Line-out, CD-in, S/PDIF in/out, or 7.1 output
USB	Two Type-A (dual) connectors support 4 USB 2.0 ports (External) Two 5x2 pin header support 4 USB 2.0 ports (Internal)
Digital I/O	Supports up to 16 in and 16 out

### Packing List

- 1701400453 40-pin ATA100 Cable
- 1701340601 34-pin Floppy Disk Drive Cable
- 1701400180 Serial Port Cable
- 1709070500 SATA150 Cable
- 1702150150 SATA Power Cable
- 9657666600 Jumper Cap
- Quick Installation Guide
- Utility CD
- EMB-900M

### Ordering Information

- **EMB-900M-A10**  
Micro ATX, L-775, LCD-DVI, DDRII, 2GbE, HD Audio, 4COM, USB 2.0, CF, PCI-E, M-PCI ATX, Rev.A1.0