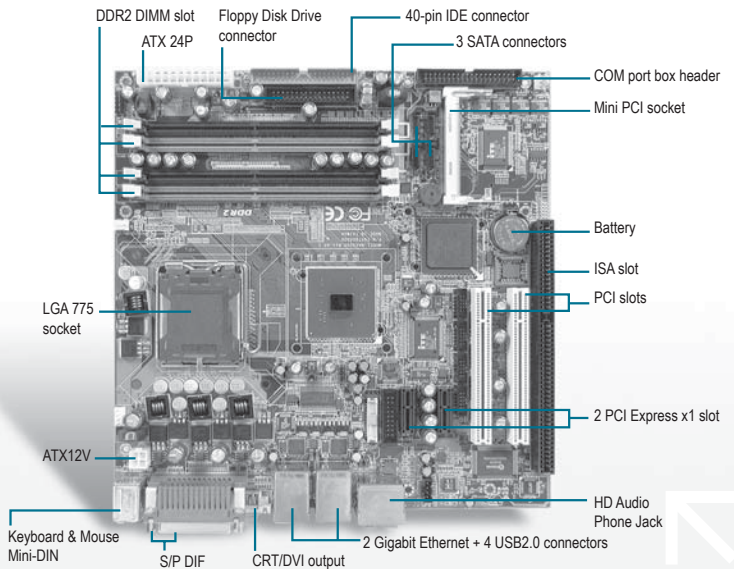


Intel® LGA775 Pentium® 4 or Celeron® D Processors



Features

- Supports Intel® Pentium® 4 / Celeron® D (LGA775) Processors Up to 3.4GHz
- Supports CRT and DVI Display
- Gigabit Ethernet Support Based Upon PCI Express Bus
- Supports 8 Channel High Definition Audio
- Supports Type II CompactFlash™
- 2 PCI-E / 2 PCI / 1 Mini PCI / 1 Legacy ISA
- 4 COM / 8 USB2.0



Specifications

System	
Processor	Supports Pentium® 4/ Celeron® D LGA775 processor, up to 3.4GHz
System Memory	Dual Channel DDR-II 400/533, Max. 4GB
Chipset	Intel® 915GV+ICH6
I/O Chipset	ITE 8712
Ethernet	Marvell 88E8053, 10/100/1000 Base-TX RJ-45 x 2
BIOS	AWARD 512KB FLASH ROM
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports power supply voltages and temperatures monitoring
SSD	Type II CompactFlash™ slot x 1
Expansion Interface	PCI slot x 2, PCI Express x 2, Mini PCI x 1, ISA x 1
Battery	Lithium battery
Power Requirement	ATX, ATX12V
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	
Chipset	Intel® 915GV
Memory	Shared memory up to 224MB with DVMT
Resolutions	Up to 1024x768@24bpp colors for LCD
LCD Interface	Up to 48-bit dual channel LVDS
I/O	
MIO	P-ATA-100 x 1, SATA 150 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	8 CH High Definition Audio
USB	Two Type-A (dual) connectors support 4 USB 2.0 ports (External) Two 5x2 pin headers 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

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

Optional Accessories

- **PER-C10L-A10**
Mini PCI 10/100 Base-TX Ethernet Module with Realtek 8100C
- **PER-C10L-A10-01**
Mini PCI 10/100/1000 Base-TX Ethernet Module with Realtek 8110S
- **PER-C10L-A10-02**
Mini PCI 10/100 Base-TX Ethernet Module with Intel® 82551QM
- **PER-C10L-A10-03**
Mini PCI 10/100/1000 Base-TX Ethernet Module with Intel® 82541GI
- **PER-C30F-A10**
Mini PCI 3-port IEEE 1394a Module
- **PER-V30C-A10**
Mini PCI Single Channel Capture Module with Philips SAA7135
- **PER-C40C-A10**
Mini PCI 2-port RS-232 Module Rev. A1.0
- **PER-C40C-A10-01**
Mini PCI 4-port RS-232 Module Rev. A1.0