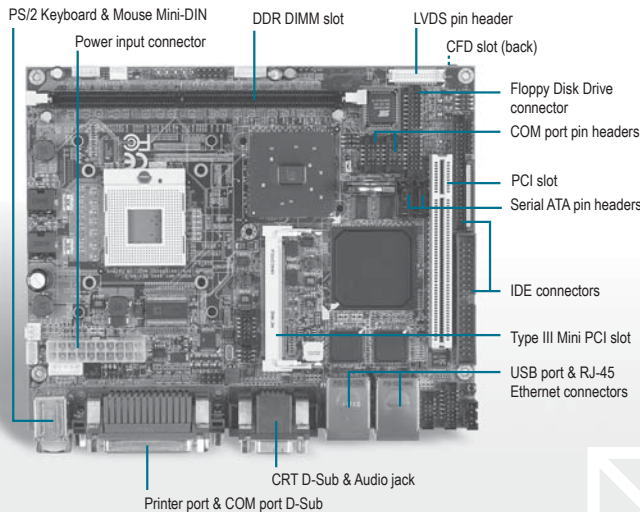


# MPC-8890

## Intel<sup>®</sup> Pentium<sup>®</sup> M or Celeron<sup>®</sup> M Processors



## Features

- Supports Socket 478 Intel<sup>®</sup> Pentium<sup>®</sup> M/ Celeron<sup>®</sup> M Processors or Onboard Low Power Intel<sup>®</sup> Pentium<sup>®</sup> M Processor
- AC-97 3D Surround 6 Channel Audio
- Supports PCI and Mini PCI Slots
- Supports Type II CompactFlash<sup>™</sup>
- Supports 4/5/8 Wire Resistive Touch Screen
- 4 COM/ 4 USB2.0/ Digital I/O/ TV-out Ports



## Specifications

System	
Processor	Supports Socket 478 Intel <sup>®</sup> Pentium <sup>®</sup> M/ Celeron <sup>®</sup> M processors up to 2.0GHz, or onboard Low Voltage Intel <sup>®</sup> Pentium <sup>®</sup> M processor 1.1GHz/ Celeron <sup>®</sup> M processor 600MHz
System Memory	184-pin DDR SDRAM DIMM x 1, Max, 1024MB (DDR266/333)
Chipset	Intel <sup>®</sup> 855GME + Intel <sup>®</sup> 6300ESB (Hance Rapids)
I/O Chipset	Intel <sup>®</sup> 6300ESB + ITE 8712
Ethernet	Intel <sup>®</sup> 82551QM/ER 10/100Base-TX, Intel <sup>®</sup> 82541GI/ER 10/100/1000Base-TX, RJ-45 connector x 2
BIOS	AWARD 512KB FLASH ROM
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports power supply voltages fan speed and temperatures monitoring
SSD	Type II CompactFlash <sup>™</sup> slot x 1
Expansion Interface	Type III Mini PCI socket x 1, PCI slot x 1
Battery	Lithium battery
Power Requirement	ATX
Board Size	7.9"(L) x 6.4"(W) (200.6mm x 163mm)
Gross Weight	1.2 lb (0.5kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Display	
Chipset	Intel <sup>®</sup> 855GME (Extreme Graphic 2)
Memory	Shared memory up to 224MB with DVMT 3.0
Resolutions	up to 1600x1200@32bpp colors for CRT up to 1280x1024@24bpp colors for LCD
LCD Interface	up to 48-bit dual channel LVDS TFT LCD
TV-out	Supports NTSC and PAL standard
I/O	
MIO	EIDE x 2 (UDMA100 x 2), Floppy Disk Drive x 1, Keyboard x 1, 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/ Speaker-out 5.1 Output.
USB	Two Type-A (dual) connectors support 4 USB 2.0 ports (External) One 5x2-pin header supports 2 USB 2.0 ports (Internal)
Digital I/O	Supports 8 in, 8 out, 4 in + 4 out
TouchScreen	Supports 4/5/8 Wire Resistive Touch Screen

## Packing List

- 1701400453 IDE Cable
- 1701340600 Floppy Disk Drive Cable
- 1701100207 COM Port Cable
- 1709070500 SATA150 Cable
- 1702150150 SATA Power Cable
- 1700140164 6CH Audio Cable
- 1700080180 TV-out Cable
- 1759200156 CPU Cooler
- P90657B000 CFD Cover
- Quick Installation Guide
- Utility CD
- MPC-8890

## Ordering Information

- **TF-MPC-8890-A10**  
Media PC Board, S-478M, LCD-TV, DDR, 2 LAN, Audio, 4 COM, USB 2.0, CF, M-PCI, ATX, Rev. A1.0
- **TF-MPC-8890-A10-01**  
Media PC Board, S-478M, LCD-TV, DDR, LAN+GbE, Audio, 4 COM, USB 2.0, CF, M-PCI, ATX, Rev. A1.0
- **TF-MPC-8890-A10-02**  
Media PC Board, S-478M, LCD-TV, DDR, LAN, Audio, 3 COM+Touch, USB 2.0, CF, M-PCI, ATX, Rev. A1.0
- **TF-MPC-8890-A10-03**  
Media PC Board, S-478M, LCD-TV, DDR, GbE, Audio, 3 COM+Touch, USB 2.0, CF, M-PCI, ATX, Rev. A1.0
- **MPC-8890-A10**  
AIO Media PC, Socket 478, LVDS, TV-out, 2 LAN, 6CH AC97, 4 COMs, Mini PCI, CFD, Rev. A1.0
- **MPC-8890-A10-01**  
AIO Media PC, Socket 478, LVDS, TV-out, LAN+GbE, 6CH AC97, 4 COMs, Mini PCI, CFD, Rev. A1.0
- **MPC-8890-A10-02**  
AIO Media PC, Socket 478, LVDS, TV-out, LAN, 6CH AC97, 3 COMs, Touch, Mini PCI, CFD, Rev. A1.0
- **MPC-8890-A10-03**  
AIO Media PC, Socket 478, LVDS, TV-out, GbE, 6CH AC97, 3 COMs, Touch, Mini PCI, CFD, Rev. A1.0

## Optional Accessories

- 1701440182 Slim Hard Disk Drive ATA100 Cable 18cm
- 1709100201 USB Cable with Bracket
- PCM-3538R-B10 Daughter Board 18/24/36/48bit TTL Receiver, Rev. B1.0
- PER-1110-A10 Riser Card for PCI, 2-slot
- 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<sup>®</sup> 82551QM
- PER-C10L-A10-03 Mini PCI 10/100/1000 Base-TX Ethernet Module with Intel<sup>®</sup> 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