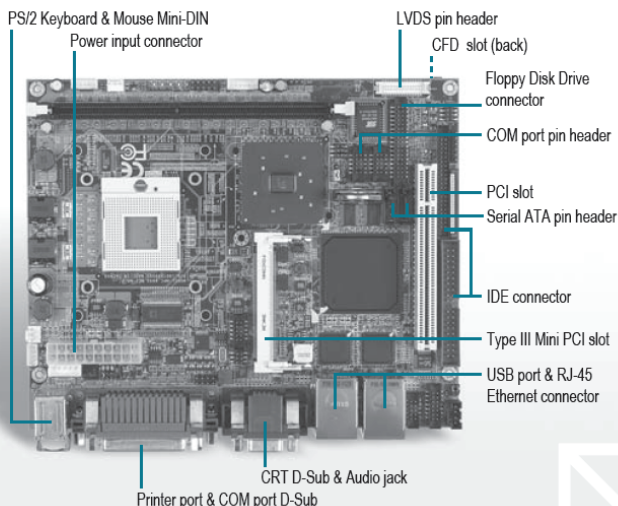


# MPC-8890

## Intel® Pentium® M and Celeron® M Processors



## Specifications

System	
CPU	Supports Socket 478-based Intel® Pentium® M and Celeron® M processors support up to 2.0GHz, or onboard Low Voltage Intel® Pentium® M processor 1.1GHz / Celeron® M processor 600MHz
System Memory	184-pin DDR SDRAM DIMM x 1, Max. 1024MB (DDR200/266/333)
Chipset	Intel® 855GME + Intel® 6300ESB (Hance Rapids)
I/O Chipset	Intel® 6300ESB + ITE 8712
Ethernet	Intel® 82551QM/ER 10/100Base-TX, Intel® 82541GI/ER 10/100/1000Base-T, RJ-45 connector x 2
BIOS	AWARD 512KB FLASH ROM
Watchdog Timer	Generate 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	Type III Mini PCI socket x 1, PCI slot x 1
Battery	Lithium battery
Power Requirement	+5V, +12V. ATX
Board Size	7.9"(L) x 6.4"(W) (200.6mm x 163mm)
Gross Weight	1.2lb (0.5kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Display	
Chipset	Intel® 855GME (Extreme Graphic 2)
Memory	Shared system memory up to 64MB with DVMT
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	Support 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 or 8 out

Note: All specifications are subject to change without notice.  
www.aaeon.com

## Features

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



## Packing List

- 1701440500 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
- 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
- MPC-8890 • 1701440500 IDE Cable

## Ordering Information

- MPC-8890-A10**  
AIO Media PC. Socket 478. LVDS. TV-out. Dual 100M LAN. 6CH AC97. 4 COMs. Mini PCI. CFD. Rev.A1.0
- MPC-8890-A10-01**  
AIO Media PC. Socket 478. LVDS. TV-out. GbE+100M LAN. 6CH AC97. 4 COMs. Mini PCI. CFD. Rev.A1.0
- MPC-8890-A10-02**  
AIO Media PC. Socket 478. LVDS. TV-out. 100M 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 LAN. 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. PCM-4896/4896L/5896/6890B/6892/6894/6896/6893. Rev.A1.0
- PER-C10L**  
Single Port Ethernet Mini PCI Card
- PER-V30C**  
Single Port Video-in Mini PCI Capture Card