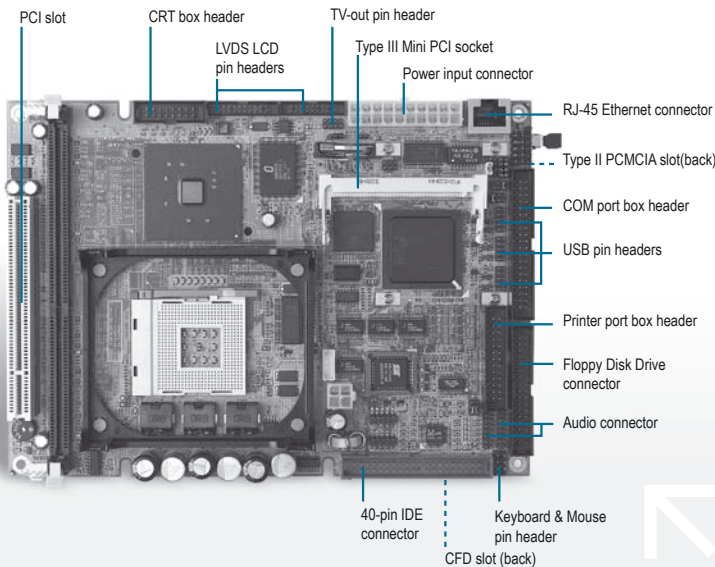


PCM-8500

Intel® Pentium® 4 or Celeron® Processors or Intel® Pentium® 4 Processor M



Features

- Supports Socket 478-based Intel® Pentium® 4, Pentium® 4 M/ Celeron® Processors
- 48-bit Dual Channel LVDS TFT LCD
- AC-97 3D Surround 5.1 Channel Audio
- Supports Type II CompactFlash™
- Supports Type II PCMCIA, Type III Mini PCI and PCI slots
- 4 COM/ 6 USB 2.0/ TV-out/ Digital I/O Ports

Specifications

System	
Processor	Socket 478-based Intel® Pentium® 4 processor/ Intel® Pentium® 4 processor M (.13µ / .18µ) / Intel® Celeron® (.13µ / .18µ) processor supports up to 2.8GHz with FSB 400/533MHz
System Memory	184-pin DDR SDRAM DIMM x 1, Max. 1GB(DDR-266/333), supports ECC DIMM
Chipset	Intel® 845GV + 82801DB (ICH4)
I/O Chipset	ITE IT8712IX
Ethernet	Intel® 82562, 10/100Base-TX RJ-45 connector x 1
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 1, Type II PCMCIA slot x 2, Type III Mini PCI socket x 1
Battery	Lithium battery
Power Requirement	ATX
Board Size	8"(L) x 5.75"(W) (203mm x 146mm)
Gross Weight	1.2lb (0.5kg)
Operating Temperature	32°F~ 140°F (0°C ~ 60°C)
Display	
Supports CRT/ LCD simultaneous display Supports screen image rotation	
Chipset	Intel® 845GV + Chronitel 7017
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	Supports NTSC and PAL standard, S-Terminal and Composite Video
I/O	
MIO	EIDE x 1(UDMA100 x 1), Floppy Disk Drive x 1, Keyboard + 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	Three 5x2 pin headers support 6 USB 2.0 ports
Digital I/O	Supports up to 16 in or 16 out



Packing List

- 9657666600 Jumper Cap
- Quick Installation Guide
- Utility CD
- PCM-8500

Ordering Information

- **PCM-8500-A10**
Compact Board, Desktop P4, with LCD, LAN, Audio, CF, 6 USB 2.0, 4 COM, ATX, Rev. A1.0
- **PCM-8500-A10-01**
Compact Board, Desktop P4, with LCD, PCMCIA, LAN, Audio, CF, 6 USB 2.0, 4 COM, ATX, Rev. A1.0
- **PCM-8500-A10-02**
Compact Board, Mobile P4, with LCD, LAN, Audio, CF, 6 USB 2.0, 4 COM, ATX, Rev. A1.0
- **PCM-8500-A10-03**
Compact Board, Mobile P4, with LCD, PCMCIA, LAN, Audio, CF, 6 USB 2.0, 4 COM, ATX, Rev. A1.0

Optional Accessories

- **1759200153**
CPU Cooler Fan + Heat Sink, Socket 478, 3P, 12V, 2U Low Profile(43mm height), up to P4 3.2 GHz
- **1759200154**
CPU Cooler Fan + Heat Sink, Socket 478, 3P, 12V, 1U Low Profile (24mm height), up to P4 2.2GHz
- **PER-0101**
Cable Kit for PCM-8500
- **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