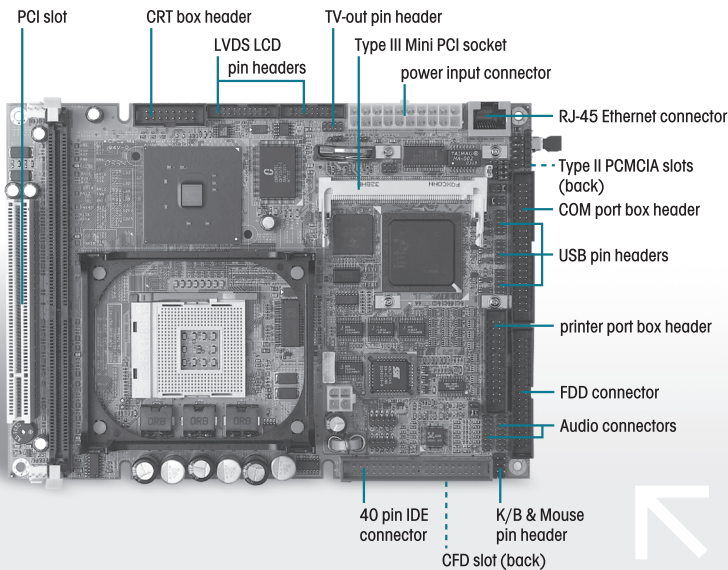


PCM-8500

The Power That Solves

Intel® Pentium® 4 and Celeron® Processors / Intel® Pentium® 4 Processor-M



Features

- Supports Socket 478 based Intel® Pentium® 4 with Hyper Threading Technology and Celeron® / Processors, Pentium® 4 Processor-M
- 48-bit Dual channel LVDS TFT LCD
- AC-97 3D surround 5.1 channel Audio
- Supports Type II CompactFlash™ Memory
- Supports Type II PCMCIA, Type III Mini PCI and PCI slots
- 4 COM / 6 USB 2.0 / TV-Out / Digital I/O



Specifications

| System | |
|---|---|
| CPU | Socket 478 based Intel® Pentium® 4 processor / Intel® Pentium® 4 processor M (.13μ / .18μ) / Intel® Celeron® (.13μ / .18μ) processor supports up to 3.06GHz with FSB 400/533MHz |
| System Memory | 184-pin DDR SDRAM DIMM x 1, Max. 1GB (PC 266/333) |
| Chipset | Intel® 845GV + 82801DB (ICH4) |
| I/O Chipset | ITE IT8712F |
| Ethernet | Intel® 82562, 10/100Base-Tx RJ-45 connector x 1 |
| BIOS | AWARD 512KB FLASH ROM |
| Watchdog Timer | Generate a time-out system reset |
| H/W Status Monitoring | Supports power supply voltages, fan speed and temperatures 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 | +3.3V, +5V, +5VSB, +12V. 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 1280x1024@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 1 (UDMA100 x 1), FDD x 1, KB+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

- 965766600 Jumper Cap
- Quick Installation Guide
- Utility CD
- PCM-8500

Ordering Informations

- 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

Accessory Options

- 1759200153**
CPU Cooler Fan + Heat Sink, Socket 478, 3P, 12V, 2U Low Profile (43mm height), up to P4 3.2GHz
- 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