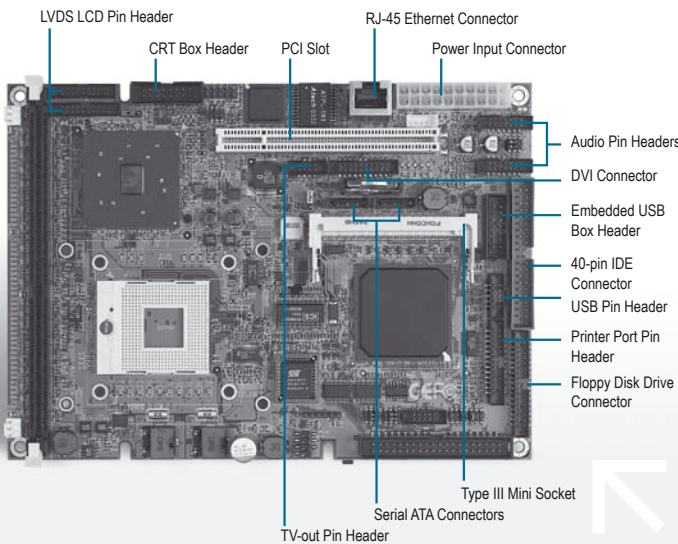


Intel® Pentium® M/ Celeron® M Processors



Features

- Supports Socket 478 Intel® Pentium® M/ Celeron® M Processors, Onboard Low Voltage Intel® Pentium® M Processor
- Up to 48-bit Dual Channel LVDS TFT LCD
- AC97 3D Surround 5.1 Channel Audio
- Supports Type II CompactFlash™
- Supports Type III Mini PCI and PCI Slots
- 4 COM/ 4 USB 2.0/ TV-out/ SATA/ Digital I/O/ DVI Ports
- +5V Only Operation



Packing List

- 9657666600 Jumper Cap
- 1759200157 CPU Cooler Fan + Heatsink (for Socket-478 type only)
- Quick Installation Guide
- Utility CD
- PCM-8200

Ordering Information

- TF-PCM-8200-A10 (with Cooler)**
5.25" Board, Socket-478, LCD-DVI-TV, DDR, LAN, Audio, 4 COM, USB 2.0, CF, Mini PCI, ATX, Rev. A1.0
- TF-PCM-8200-A10-01 (with Cooler)**
5.25" Board, LV Pentium® M 1.1G, LCD-DVI-TV, DDR, LAN, Audio, 4 COM, USB 2.0, CF, Mini PCI, Rev. A1.0
- TF-PCM-8200-A10-02 (with Cooler)**
5.25" Board, LV Pentium® M 1.4G, LCD-DVI-TV, DDR, LAN, Audio, 4 COM, USB2.0, CF, Mini PCI, ATX, Rev.A1.0

Optional Accessories

- TF-PER-0102**
Cable Kit for PCM-8200
- TF-PER-C10L-A10**
Mini PCI 10/100 Base-TX Ethernet Module with Realtek 8100C
- TF-PER-C10L-A10-01**
Mini PCI 10/100/1000 Base-TX Ethernet Module with Realtek 8110S
- TF-PER-C10L-A10-02**
Mini PCI 10/100 Base-TX Ethernet Module with Intel® 82551QM
- TF-PER-C10L-A10-03**
Mini PCI 10/100/1000 Base-TX Ethernet Module with Intel® 82541G1
- TF-PER-C30F-A10**
Mini PCI 3-port IEEE 1394a Module
- TF-PER-V30C-A10**
Mini PCI Single Channel Capture Module with Philips SAA7135
- TF-PER-C40C-A10**
Mini PCI 2-port RS-232 Module Rev. A1.0
- TF-PER-C40C-A10-01**
Mini PCI 4-port RS-232 Module Rev. A1.0
- TF-PER-1110-A10**
Riser Card for PCI 2-slot

Specifications

| System | |
|-----------------------------|---|
| Form Factor | 5.25" |
| Processor | Supports Socket 478 Intel® Pentium® M processor (13µ/0.09µ)/ Celeron® M (13µ/0.09µ) processors Up to 1.8 GHz with FSB 400MHz/ Onboard low-voltage Intel® Pentium® M processor 1.1 GHz |
| System Memory | 184-pin DDR DIMM x 1, Max. 1GB (DDR-266/333), supports ECC DIMM |
| Chipset | Intel® 855GME + 6300ESB |
| I/O Chipset | ITE IT8712 |
| Ethernet | Intel® 82551 QM/ER or Intel® 82541 GI/ER, (Manufacturer optional, ER Version cannot support Boot Form LAN) 10/100/1000Base-TX, RJ-45 x 1 |
| BIOS | AWARD 512KB FLASH ROM |
| Wake On LAN | Yes (Intel® 82551ER Does not support) |
| Watchdog Timer | Generates a time-out system reset |
| H/W Status Monitoring | Supports power supply voltages, fan speed and temperature monitoring |
| Solid Storage Disk | Type II CompactFlash™ slot x 1 |
| Expansion Interface | Mini PCI x 1, PCI slot x 1 |
| Battery | Lithium battery |
| Power Requirement | +5V/ATX |
| Power Consumption (Typical) | Intel® Pentium® M 1.10GHz, DDR400/ 1G 2.88 A@5V |
| Board Size | 8"(L) x 5.75"(W) (203mm x 146mm) |
| Gross Weight | 1.2 lb (0.5 kg) |
| Operating Temperature | 32°F~ 140°F (0°C ~ 60°C) |
| Storage Temperature | -40°F~176°F (-40°C~80°C) |
| Operating Humidity | 0% ~ 90% relative humidity, non-condensing |
| MTBF (Hours) | 58,737 |
| Display | Supports CRT/LCD, CRT/DVI, LCD/DVI and CRT/TV, Dual View/ Simultaneous Display; Supports screen image rotation |
| Chipset | Intel® 855GME + Chrontel 7009 |
| 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 |
| DVI | Yes |
| I/O | |
| MIO | EIDE x 1 (UDMA100 x 1), Serial ATA x 2, 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 | 5 x 2-pin headers support 4 USB 2.0 ports, 9 x 2-pin headers for Embedded USB DOM |
| Digital I/O | Supports 16-bit (Programmable) |