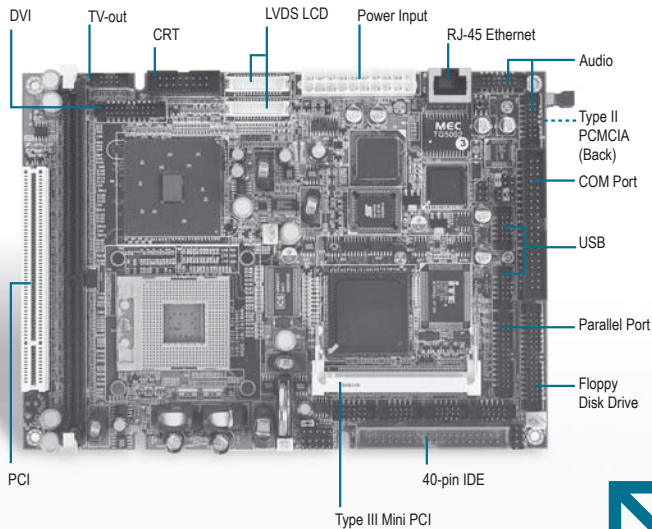


PCM-8150

Intel® Pentium® M/ Celeron® M Processors



Features

- Socket 478 Intel® Pentium® M/ Celeron® M/ Onboard ULV Intel® Celeron® M Processors at 600MHz & 1GHz
- DDR 266/333 DIMM x 1, up to 1 GB
- Up to 24-bit Dual-channel LVDS LCD (Emulated)
- 10/100Base-TX Ethernet (Gigabit LAN Optional)
- AC97 3D Surround 5.1 Channel Audio
- Type II CompactFlash™
- COM x 4/ USB2.0 x 4/ PCMCIA/ TV-out/ DVI/ Digital I/O Port



Specifications

System	
Form Factor	5.25"
Processor	Socket 478 up to Intel® Pentium® M/ Celeron® M 1.80GHz/ Onboard ULV Intel® Celeron® Processor at 600MHz & 1GHz with FSB 400MHz
System Memory	184-pin DDR DIMM x 1, Max. 1GB DDR266/333
Chipset	Intel® 852GM + ICH4
I/O Chipset	ITE IT8712
Ethernet	Intel® 82551, 10/100Base-TX Chip, RJ-45 x 1 (Gigabit LAN optional)
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
Expansion Interface	Mini PCI x 1, PCI x 1, PCMCIA x 2
Battery	Lithium battery
Power Requirement	+5V/AT/ATX
Power Consumption (Typical)	Pentium® M 1.8GHz, DDR 400 1GB +12V @ 0.31A, +5V@6.7A
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)	50,000
Display	
Supports CRT/LCD, CRT/TV, CRT/DVI, LCD/DVI, LCD/TV, Dual View/ Simultaneous display under Windows Operating System	
Chipset	Intel® 852GM + 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 24-bit dual-channel LVDS (Emulated 24-bit dual-channel)
TV-out	Supports NTSC and PAL standard, S-Terminal and Composite Video
DVI	Yes
I/O	
Storage	EIDE x 1 (UDMA 100), Type II CompactFlash™ x 1, Floppy Disk Drive x 1
Serial Port	RS-232 x 3, RS-232/422/485 x 1
Parallel Port	SPP/ EPP/ ECP mode
USB	USB2.0 x 4
PS/2 Port	Keyboard + Mouse x 1
Digital I/O	Supports 16-bit (Programmable)
IrDA	One IrDA Tx/Rx header
Audio	Mic-in, Line-in, Line-out, CD-in, S/PDIF in/out, Stereo Amplifier included, 5.1CH

Packing List

- **9657666600**
Jumper Cap
- **1759200157**
CPU Cooler Fan + Heatsink (For Socket-478 Type Only)
- **Quick Installation Guide**
- **Utility CD**
- **PCM-8150**

Ordering Information

- **TF-PCM-8150-A20 (Fanless)**
5.25" Board, ULV Celeron® M 600, 512K, LCD-DVI-TV, DDR, LAN, Audio, COM x 4, USB 2.0, CompactFlash™, Mini PCI & PCMCIA, Rev. A2.0
- **TF-PCM-8150-A20-01 (Fanless)**
5.25" Board, ULV Celeron® M 600, 512K, LCD-DVI-TV, DDR, LAN, Audio, COM x 4, USB 2.0, CompactFlash™, Mini-PCI, Rev. A2.0
- **TF-PCM-8150-A20-02**
5.25" Board, Socket 478, LCD-DVI-TV, DDR, LAN, Audio, COM x 4, USB 2.0, CompactFlash™, Mini PCI & PCMCIA, Rev. A2.0
- **TF-PCM-8150-A20-03**
5.25" Board, Socket 478, LCD-DVI-TV, DDR, LAN, Audio, COM x 4, USB 2.0, CompactFlash™, Mini-PCI, Rev. A2.0
- **TF-PCM-8150-A20-04 (Fanless)**
5.25" Board, ULV Celeron® M 1.0G, LCD-DVI-TV, DDR, LAN, Audio, COM x 4, USB2.0, CompactFlash™, Mini-PCI, Rev.A2.0

Optional Accessories

- **TF-PER-0103**
Cable Kit for PCM-8150
- **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-A11**
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