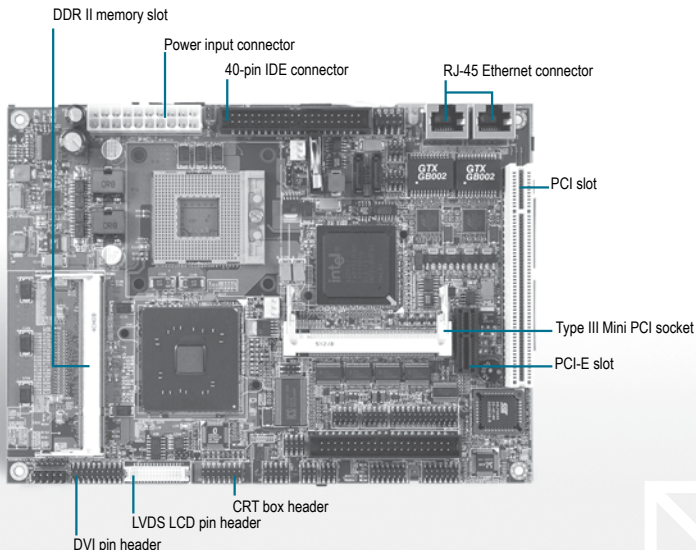


PCM-8300

Intel® Pentium® M or Celeron® M Processors



Specifications

System	
Processor	Supports Socket 478 Intel® Pentium® M up to 2.13G (400/533MHz FSB)/ Celeron® M up to 1.5G (400MHz FSB) (Only support Dothan Processor, 90nm)
System Memory	2 x SODIMM sockets support DDRII 400/533 modules up to 2GB
Chipset	Intel® 915GM + ICH6M
I/O Chipset	ICH6M + ITE8712 + Fintek F81216D
Ethernet	Marvell 88E8053, 10/100/1000Mb Chip, RJ-45 x 2
BIOS	Award Plug & Play BIOS - 512KB ROM
Watchdog Timer	ITE8712, generates a time-out system reset
H/W Status Monitoring	ITE8712 supports power supply voltages and temperature monitoring functions, Fan speed
SSD	One Type II CompactFlash™ Card, Genesys GL813 USB 2.0 interface
Expansion Interface	Mini PCI socket x 1, PCI x 1, PCI-Express by 1 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	
Chipset	Intel® 915GM + Chrontel 7307C
Memory	Shared system memory up to 128MB with DVMT (128MB supported when the system's memory is over 256MB)
Resolutions	up to 1600x1200@36bpp colors for CRT up to 1280x1024@24bpp colors for LCD
LCD Interface	Supports 18/36-bit dual channel LVDS
TV-out	Supports NTSC and PAL standard, S-Terminal and Composite Video
I/O	
MIO	EIDE x 1(UDMA100 x 1), SATA x 2, 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/ CD-in, S/P DIF In/Out, Stereo Amplifier included

Features

- Supports Intel® Pentium® M/ Celeron® M Series Processors
- Supports 36/18-bit LVDS TFT Panels
- Supports Two DDRII 400/533 SoDIMM Memory Modules Up to 2GB
- Dual PCI-Express Gigabit LAN
- 5.1 CH AC-97 2.3 Codec With S/P DIF Function
- One Mini PCI Socket For Expansion Modules
- 4 USB 2.0/ 4 COMs/ Digital I/O



USB	Two 5x2 pin header support 4 USB 2.0 Ports (One for CompactFlash™)
Digital I/O	8-port Digital I/O (Each port can be programmed for input or output)

Packing List

- **9657666600**
Jumper Cap
- **1759200157**
CPU Cooler Fan + Heatsink
- **Quick Installation Guide**
- **Utility CD**
- **PCM-8300**

Ordering Information

- **PCM-8300-A10**
5.25" Board, Socket 478 Pentium® M/ Celeron® M, LCD-DVI-TV, DDRII, LAN+GbE, Audio, COM, USB2.0, CompactFlash™, Mini PCI, PCI Express, ATX, Rev. A1.0
- **PER-A008**
Cable Kit for PCM-8300
- **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