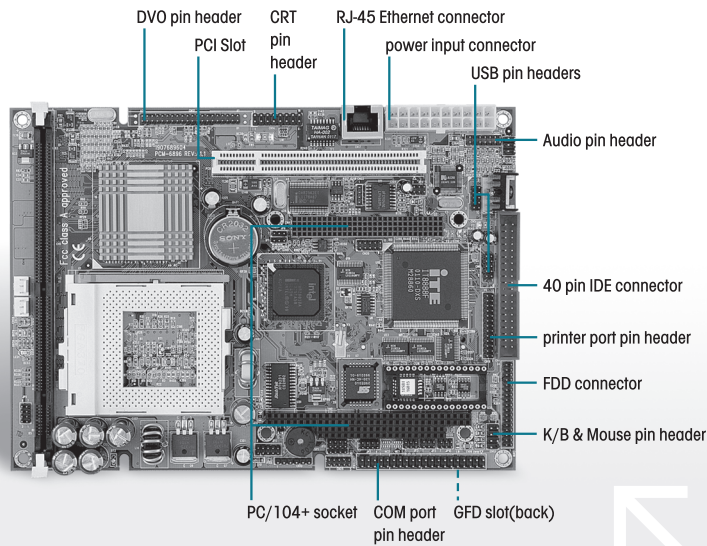


PCM-6896

Intel® Pentium® III and Celeron® Processors



Specifications

System	
CPU	Socket 370 based Intel® Pentium® III and Celeron® processors (.18μ / .25μ) support up to 1GHz with FSB 66/100/133MHz
System Memory	168-pin SDRAM DIMM x 1, Max. 512MB (PC 100/133)
Chipset	Intel® 82815E + Intel® 82801BA (ICH2)
I/O Chipset	ITE IT8712F / Winbond W83977EF
Ethernet	Intel® 82562, 10/100Base-Tx RJ-45 connector x 1
BIOS	AWARD 256KB 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, DiskOnChip up to 1GB
Expansion Interface	PCI slot x 1, PC/104+ socket x 1
Battery	Lithium battery
Power Requirement	+5V, +12V. AT/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® 82815E
Memory	Shared system memory up to 8MB with DVMT
Resolutions	up to 1600x1200@24bpp colors for CRT
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
USB	Two 5x2 pin headers support 4 USB1.1 ports
Digital I/O	Supports up to 8 in or 8 out

Features

- Supports Socket 370 based Intel® Pentium® III and Celeron® Processors
- AC-97 high-quality Audio
- Supports Type II CompactFlash™ and DiskOnChip® Memory
- 4 COM / 4 USB / Digital I/O



Packing List

- 965766600 Jumper Cap
- Quick Installation Guide
- Utility CD
- PCM-6896

Ordering Information

- PCM-6896-B12**
Compact Board, Socket370, with LCD, LAN, Audio, CF, 2 USB 1.1, 4 COM, ATX, Rev.A1.0

Accessory Options

- 1759200150**
CPU Cooler Fan + Heat Sink, PBGA, for 0.25μ Socket 370 CPU, 3P, 12V, 1U Low Profile (27mm height)
- 1759200152**
CPU Cooler Fan + Heat Sink, FCPGA, for 0.18μ Socket 370 CPU, 3P, 12V, 1U Low Profile, for Copper mine CPU (23.5mm height)
- PCM-10689-1**
Wiring Kit for PCM-6896 / 6897 / 6897L
- PER-1110-A10**
Riser Card for PCI, 2-slot, PCM-4896/4896L/5896/6890B/6892/6893/6894/6896, Rev.A1.0
- PCM-3536-A10**
DVO to TTL Transmitter Board
- PCM-3538T-A10**
TTL to LVDS Transmitter Board
- PCM-3538R-B10**
LVDS to TTL Transmitter Board
- AEC-6200**
Mini Chassis, with Cable, I/O Adapter Board, Power, for Compact Board

1
Compact Board

2
Sub Compact Board

3
Full-Size CPU Card

4
Half-Size CPU Card

5
Media PC

6
Embedded ATX Board

7
PC/104 Module

8
Mini PCI Module

9
Accessory