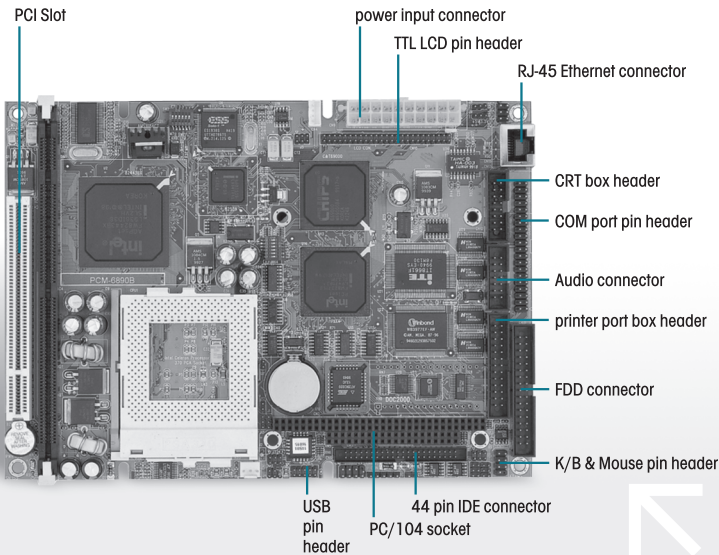


# PCM-6890B

## Intel® Pentium® III and Celeron® Processors



## Specifications

System	
CPU	Socket 370 based Intel® Pentium® III (.18μ) and Celeron® (.18μ / .25μ) processors support up to 1GHz with FSB 66/100MHz
System Memory	168-pin SDRAM DIMM x 1, Max. 256MB (PC 66/100)
Chipset	Intel® 82443BX + Intel® 82371
I/O Chipset	ITE IT8661F/Winbond W83977EF
Ethernet	Intel® GD82559, 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	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	
	Supports LCD / CRT simultaneous display Supports LCD / CRT dual view (C&T 69030 only)
Chipset	C&T 69000 / 69030
Memory	Built-in 2MB / 4MB
Resolutions	up to 1024x768/1600x1200@16bpp colors for CRT up to 1024x768@18bpp colors for LCD
LCD Interface	up to 36-bit dual channel TTL TFT/DSTN/Mono LCD
I/O	
MIO	EIDE x 1 (UDMA33 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	One 4x2 pin headers support 2 USB1.1 ports

## Features

- Supports Socket 370 based Intel® Pentium® III and Celeron® Processors
- 36-bit Dual channel TTL TFT/DSTN/MONO LCD
- AC-97 high-quality Audio
- Supports PC/104 slot
- Supports DiskOnChip® Memory
- 4 COM / 2 USB



## Packing List

- 965766600 Jumper Cap
- Quick Installation Guide
- Utility CD
- PCM-6890B

## Ordering Informations

- PCM-6890B-B10**  
Compact Board, FC/Socket 370, with LCD, LAN, Audio, 2 USB 1.1, 4 COM, Rev.B1.0
- PCM-6890B-B10-01**  
Compact Board, FC/Socket 370, Onboard 4MB SDRAM, with LCD, LAN, Audio, 2 USB 1.1, 4 COM, Rev.B1.0

## 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-10489-5**  
Wiring Kit for PCM-4896/4896L/5896/6890B
- PER-1110-A10**  
Riser Card for PCI, 2-slot, PCM-4896/4896L/5896/6890B/6892/6893/6894/6896, Rev.A1.0

1  
Compact Board2  
Sub Compact Board3  
Full-Size CPU Card4  
Half-Size CPU Card5  
Media PC6  
Embedded ATX Board7  
PC/104 Module8  
Mini PCI Module9  
Accessory