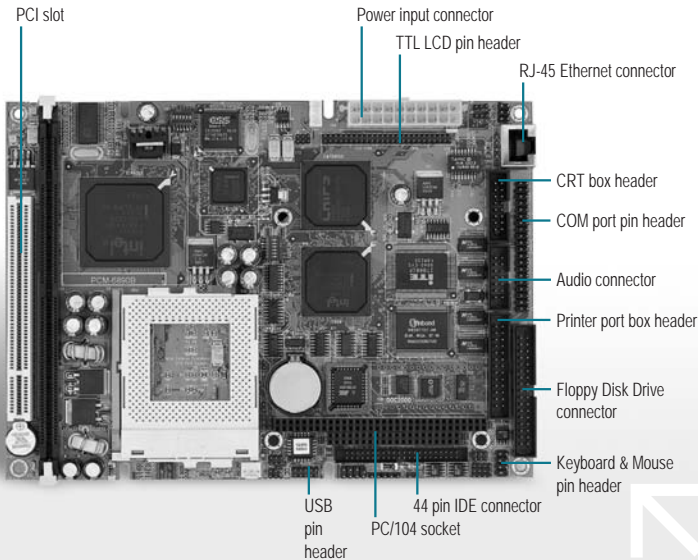


PCM-6890B

Industrial Computing Platform Partner

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 W8397EF
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 temperature 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	
Chip	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), 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
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 Ports



Packing List

- 9657666600 Jumper Cap
- Quick Installation Guide
- Utility CD
- PCM-6890B

Ordering Information

- 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

Optional Accessories

- 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
- 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