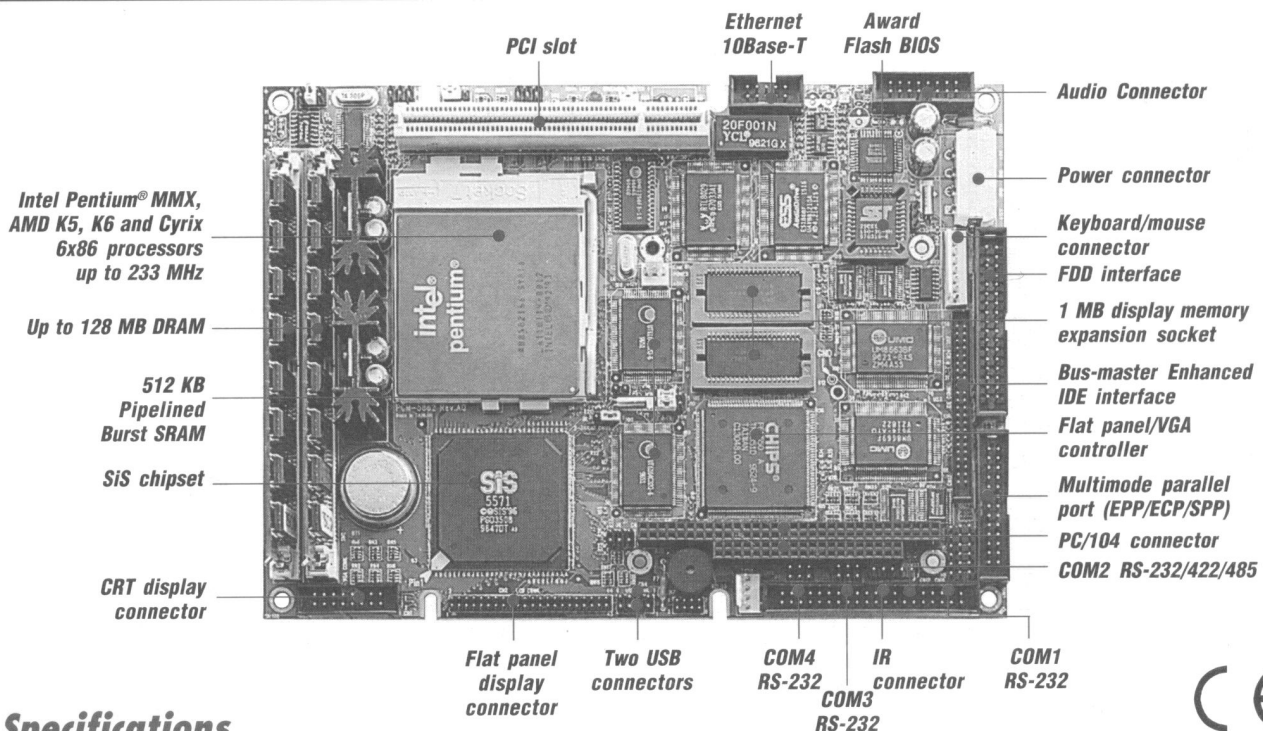


# PCM-5862/L

**Pentium® MMX SBC with Audio, VGA/LCD and Ethernet**



## Specifications

### Standard SBC functions

- **CPU:** Intel Pentium® MMX, AMD K5, K6 and Cyrix 6x86 MX (up to 233 MHz)
- **BIOS:** Award 128 KB Flash BIOS
- **Chipset:** SiS 5571
- **2nd level cache:** 512 KB on-board Pipeline Burst SRAM
- **RAM:** Two 72-pin SIMM sockets accept 8 ~ 128 MB EDO/FPM DRAM
- **Enhanced IDE interface:** Supports 2 IDE devices
- **FDD interface:** Supports up to two FDDs
- **Parallel port:** One parallel port, supports SPP/EPP/ECP parallel mode
- **Serial ports:** COM1,3,4: RS-232  
COM2: RS-232/422/485
- **Watchdog timer:** Software enabled/disabled. 63-level interval from 1 to 63 seconds.
- **Keyboard/mouse connector:** 10-pin header connector for keyboard and PS/2 mouse
- **USB interface:** Two USB connectors with fuse protection. Complies with USB Spec. Rev. 1.0
- **Infrared port:** Supports up to 115 Kbps transmitting rate
- **PC/104 expansion:** 104-pin 16-bit PC/104 module connector

- **I/O bus expansion:** One 32-bit PCI bus expansion slot

### PCI SVGA/flat panel interface

- **Chipset:** C&T 65550
- **Display memory:** 1 MB on-board memory, supports up to 2 MB
- **Display type:** simultaneously supports CRT and flat panel (EL, LCD and gas plasma) displays
- **Display resolution:** Supports non-interlaced CRT and LCD displays up to 1024 x 768 @ 64 K colors with 2 MB memory

### Solid State Disk

- **Option PCD-1230A:** Provides 4/8/16 MB Flash memory via IDE interface

### Audio function (PCM-5862)

- **Chipset:** ESS 1868
- **Sound Blaster Pro compatible**
- **Stereo sound:** Full-duplex, integrated 3D audio
- **Audio interface:** Mic in, Line in, CD Audio in, Line out, Speaker out
- **Power:** Accepts +12 V source for improved audio quality

### PCI Bus Ethernet Interface

- **Chipset:** Realtek RTL8029AS

- **Ethernet interface:** PCI bus, Novell NE2000 compatible. On-board 10Base-T

### Mechanical and environmental

- **Max. power requirements:** 7 A @ 5 V (4.75 ~ 5.25 V)
- **Operating temperature:** 0 ~ 60° C (32 ~ 140° F)
- **Size:** 203 mm x 146 mm (8" x 5.75")
- **Weight:** 0.32 kg (0.7 lbs)

## Ordering Information

- PCM-5862-00B1:** Pentium® MMX SBC with Audio, VGA/LCD and Ethernet
- PCM-5862-02B1:** Same as PCM-5862-00B1, but with 2 MB VRAM
- PCM-5862L-0001:** Same as PCM-5862-00B1, but without any accessories
- PCM-5862L-00B1:** Same as PCM-5862-00B1, but without audio function
- PCM-5862L-02B1:** Same as PCM-5862L-00B1, but with 2 MB VRAM
- PCM-10586-2000:** PCM-5862 series wiring kit
- 1700080170:** USB cable for POS-560 and PCM-5862 series
- 1759202400:** Fan with heat sink for Socket 7 processor