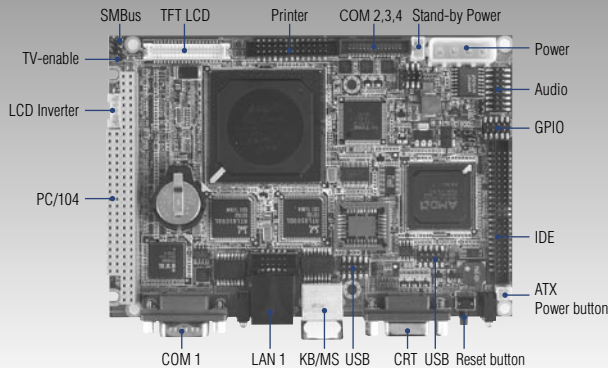


# PCM-9375

3.5" SBC w/AMD LX800, VGA/LCD/LAN/USB

**NEW**



## Features

- AMD low power LX800 500MHz Processor
- Support DDR memory
- 24-bit TFT LCD interface
- Dual 100 Base-T Fast Ethernet.
- Four USB 2.0 ports
- Four COM ports
- with PC/104 expansion interface
- Coast line (external connector layout) same as PCM-5820

## Specifications

### General

- **CPU** AMD Geode LX800 processor, up to 500 MHz
- **2nd Cache Memory** 128 KB on the processor
- **System Chipset** AMD Geode LX800
- **BIOS** AWARD 2 Mbit Flash BIOS
- **System Memory** 1 x SODIMM socket, support Double Data Rate (DDR) SDRAM, Max. 512 MB, accept 128/256/512 MB, DDR333 SDRAM
- **Power Management** APM 1.2, ACPI supported
- **SSD** Supports CompactFlash Card Type I/II
- **WatchDog Timer** 255 levels timer interval, setup by software.
- **Expansion Interface** PC/104
- **Battery** Lithium 3 V/196 mAh

### I/O

- **I/O Interface** 1 x EIDE, 1 x K/B, 1 x Mouse, 1 x RS232/422/485, 3 x RS232, 1 x LPT
- **USB** 4 USB ports, USB 2.0 compliant
- **Audio** Supports AC97 Audio stereo sound
- **GPIO** 8 bit general purpose Input / Output

### Ethernet

- **Chipset** Realtek RTL8100  
Intel 82551ER (optional)
- **Speed** 10/100 Mbps
- **Interface** One RJ-45 connector, and one internal box header
- **Standard** IEEE 802.3u (100 BASE-T) protocol compatible

### Display

- **Chipset** AMD Geode LX800
- **Memory Size** Optimized Shared Memory Architecture, supports 64 MB frame buffer using system memory.
- **Resolution** CRT resolution: up to 1920 x 1440 x 32 bpp at 85 Hz  
1600 x 1200 x 32 bpp at 100 Hz  
and, up to 1024 x 768 x 32 bpp at 60 Hz for TFT LCD
- **LCD Interface** Supports up to 24-bit TFT LCD (TTL signal)
- **TV-Out** Support both NTSD/PAL, S-Video and Comoposite Video via PCM-232 TV-out module
- **Dual Independent Display** CRT+ LCD

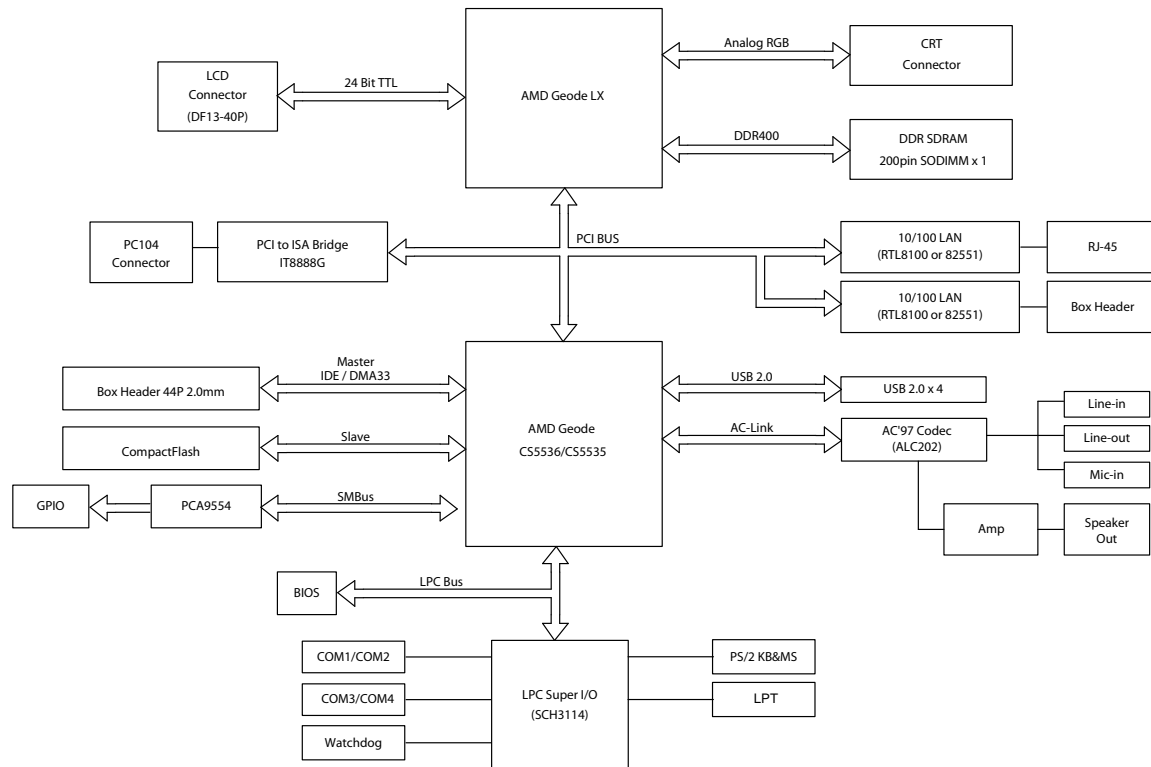
### Mechanical and Environmental

- **Dimension (LxW)** 146 mm x 105 mm (5.7" x 4")
- **Weight** 0.85 kg (weight of total package)
- **Operation Temperature** 0 ~ 60° C (32 ~ 140° F)
- **Operating Humidity** 10% ~ 90% Relative Humidity, non condensing

### Power

- **Power Supply Voltage** AT/ATX, +5 V  $\pm$ 5%, +12V  $\pm$ 5%, or supports single +5 V power only
- **Power Consumption** (Geode LX800, 256MB DDR333)  
Max: +5 V @ 1.2 A, +12 V @ 0.23 A  
Typical: +5 V @ 0.6 A, +12 V @ 0.03 A

## Board Diagram



## Packing List

- 1 x PCM-9375 SBC
- 1 x Mini Jumper Pack (p/n: 9689000002)
- 1 x Startup Manual
- 1 x Utility CD
- 1 x Audio Cable (p/n: 1703100152)
- 1 x IDE 44 pin (p/n: 1701440351)
- 1 x Parallel Port Cable (p/n: 1700260250)
- 1 x Keyboard/Mouse Cable (p/n: 1700060202)
- 1 x Second Serial Port Cable (p/n: 1701140201)
- 1 x ATX Power Cable (p/n: 1700000265)
- (p/n: 1703200201)

## Ordering Information

### Standard

- **PCM-9375F-J0A1E** 3.5" SBC w/AMD LX800, VGA/LCD/LAN/USB

### Optional Accessories

- **PCM-205-00A1** 18bit TTL to 18bit LVDS module
- **PCM-3540T-00A1** 24bit TTd to 24bit LVDS module
- **PCM-232-00A1** TV-out module
- **1703100121** USB 2 port cable