



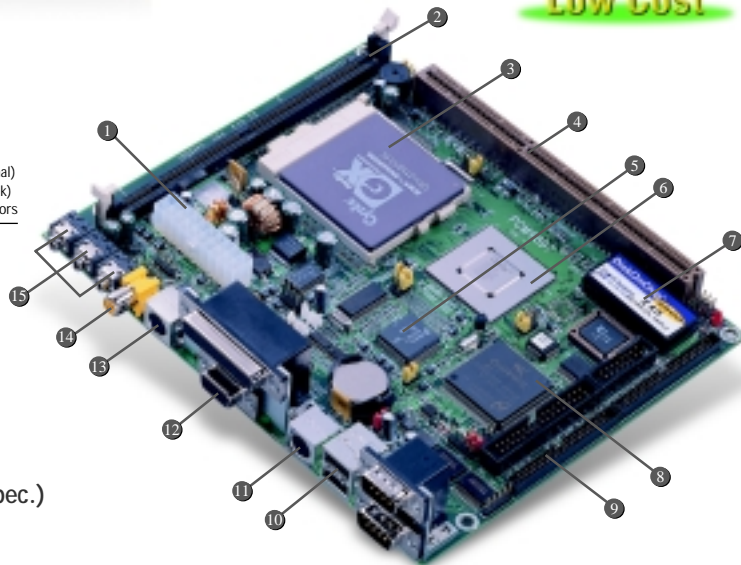
# PCM-4897

NS Geode Series Media PC

with LCD, Audio, TV Out, & 2 COMs

Low Cost

- 1 ATX Power Connector
- 2 DIMM Socket
- 3 NS Geode Series CPU
- 4 PCI/ISA slot for Expansion
- 5 Chrontel 7003, Supports NTSC/PAL TV Outputs
- 6 CS5530A TFT Panel/CRT VGA Controller
- 7 Socket for DiskOnChip®
- 8 I/O Chipset NS97317
- 9 Flat Panel Display Connector
- 10 Dual USB Connectors
- 11 KB/PS 2 Mouse Connector
- 12 CRT Connector
- 13 Video Signal Output Connector(S-Terminal)
- 14 Video Signal Output Connector (RCA-Jack)
- 15 Audio/MIC Signal Input/Output Connectors



## Features

- NS Geode Series CPUs up to 300MHz
- Supports CRT and 18-bit TFT Panels
- Supports NTSC/PAL TV outputs
- Integrated AC-97 2.0 (meets PC98™ Basic Audio spec.) SoundBlaster compatible legacy audio
- Supports DiskOnChip® (SSD) up to 288MB

## Specifications

### General Functions

<b>CPU</b>	NS Geode Series processor 200-300 MHz
<b>CPU type</b>	Intel Socket 7
<b>BIOS</b>	Award 256KB FLASH BIOS
<b>Chipset</b>	NS CS5530A
<b>I/O Chipset</b>	NS97317
<b>Memory</b>	Onboard one 168-pin DIMM socket supports 128MB SDRAM
<b>Enhanced IDE</b>	Supports two IDE devices. Supports Ultra DMA33 Mode with data transfer rate up to 33MB/sec.
<b>FDD interface</b>	Supports two floppy disk drives, 5.25" (360KB and 1.2MB) and/or 3.5" (720KB, 1.44MB, and 2.88MB)
<b>Parallel port</b>	Configured to LPT1, LPT2, LPT3 or disabled. Supports SPP, ECP, and EPP modes
<b>Serial port</b>	Two RS-232 serial ports. Ports can be configured as COM1, COM2, COM3, COM4 or disabled individually. (16C550 equivalent)
<b>IR interface</b>	Support one IrDA Tx/Rx header
<b>KB/PS2 Mouse connector</b>	6-pin mini-DIN connector supports PC/AT keyboard and PS/2 mouse
<b>USB connectors</b>	Dual USB ports onboard
<b>Battery</b>	Lithium battery for data retention
<b>DMA</b>	7 DMA channels (8237 equivalent)
<b>Interrupt</b>	15 interrupt levels (8259 equivalent)
<b>Power management</b>	I/O peripheral devices support power saving and doze/standby/suspend modes. APM 1.2 compliant

### Flat Panel/CRT Interface

<b>Chipset</b>	NS CS5530A
<b>Display memory</b>	Shared memory up to 4MB
<b>Display type</b>	Supports non-interlace CRT and TFT Flat Panel displays. Can display both CRT and Flat Panel simultaneously
<b>Resolution</b>	Up to 1024 x 768 @ 64K colors

### Audio Interface

<b>Chipset</b>	NS CS5530A. Compatible with SoundBlaster, SoundBlaster Pro, and Windows Sound System Dual DMA support W/FIFO buffers, full duplex operation
<b>Interface</b>	Onboard line_in, line_out, and Mic_in jacks

### TV Display Interface

<b>Chipset</b>	Chrontel 7003
<b>Display interface</b>	Onboard (RCA/S) jacks support NTSC/PAL composite outputs

### SSD Interface

One 32-pin DIP socket supports M-Systems DiskOnChip® 2000 series up to 288MB

### Expansion Interface

<b>PCI/ISA slot</b>	One PCI/ISA slot onboard
---------------------	--------------------------

### Mechanical and Environmental

<b>Power supply voltage</b>	+3.3 V, +5 V, +12 V, -12 V
<b>Operating temperature</b>	32 to 140° F(0 to 60° C)
<b>Board Size</b>	7.95" (L) x 6.4" (W) (202 mm x 163 mm)
<b>Weight</b>	1.2 lb. (0.5 Kg)

\* Please refer to our website for detailed power consumption information.