

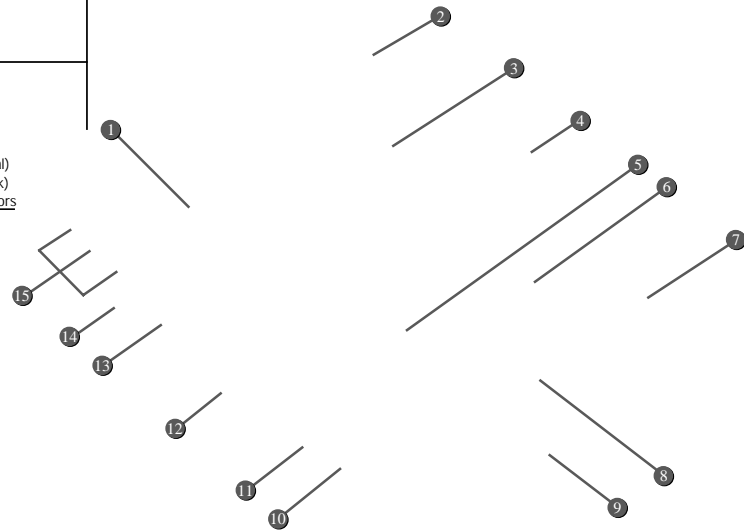
PCM-4897

NS Geode

Media PC

with LCD, Audio, TV Out, & 2 COMs

① ATX Power Connector	⑧ I/O Chipset NS97317
② DIMM Socket	⑨ Flat Panel Display Connector
③ NS Geode CPU	⑩ Dual USB Connectors
④ PCI/ISA slot for Expansion	⑪ KB/PS 2 Mouse Connector
⑤ Chrontel 7003, Supports NTSC/PAL TV Outputs	⑫ CRT Connector
⑥ Cx 5530 TFT Panel/CRT VGA Controller	⑬ Video Signal Output Connector(S-Terminal)
⑦ Socket for DiskOnChip®	⑭ Video Signal Output Connector (RCA-Jack)
	⑮ Audio/MIC Signal Input/Output Connectors



Features

- NS Geode CPU 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

CPU	NS Geode GX integrated processor 200-300MHz
CPU type	Intel Socket 7
BIOS	Award 256KB FLASH BIOS
Chipset	NS Cx5530
I/O Chipset	NS97317
Memory	Onboard one 168-pin DIMM socket supports 128Mbytes SDRAM
Enhanced IDE	Supports two IDE drives. Supports Ultra DMA33 Mode with data transfer rate up to 33MB/sec.
FDD interface	Supports two floppy disk drives, 5.25" (360KB and 1.2MB) and/or 3.5" (720KB, 1.44MB, and 2.88MB)
Parallel port	Configured to LPT1, LPT2, LPT3 or disabled. Supports SPP, ECP, and EPP modes
Serial port	Two RS-232 serial ports. Ports can be configured as COM1, COM2, COM3, COM4 or disabled individually. (16C550 equivalent)
IR interface	Support one IrDA Tx/Rx header
KB/Mouse connector	6-pin mini-DIN connector supports PC/AT keyboard and PS/2 mouse
USB connectors	Dual USB ports onboard
Battery	Lithium battery for data retention
DMA	7 DMA channels (8237 equivalent)
Interrupt	15 interrupt levels (8259 equivalent)
Power management	I/O peripheral devices support power saving and doze/standby/suspend modes. APM 1.2 compliant

Flat Panel/CRT Interface

Chipset	NS Cx5530
Display memory	Shared memory up to 4MB
Display type	Supports non-interface CRT and TFT Flat Panel displays. Can display both CRT and Flat Panel simultaneously
Resolution	Up to 1024 x 768@64K colors (CRT/LCD simultaneous display)

Audio Interface

Chipset	NS Cx5530. Compatible with SoundBlaster, SoundBlaster Pro, and Windows Sound System Dual DMA support w/FIFO buffers, full duplex operation
Interface	Onboard line_in, line_out, and Mic_in jacks

TV Display Interface

Chipset	Chrontel 7003
Display interface	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

PCI/ISA slot	One PCI/ISA slot onboard
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Mechanical and Environmental

Power supply voltage	+5V (4.75V to 5.25V), +12V (11.4V to 12.6V)
Operating temperature	32 to 140° F(0 to 60° C)
Board Size	7.95 in (L) x 6.4 in (W) (202mm x 163mm)
Weight	1.2 lb. (0.5 Kg)