

BPC-300-5110

NS Geode GX1-300 Box PC with CRT, TV-Out and Fast Ethernet



Features



- ★ Embedded Ultra Low Power NS Geode GX1-300 MHz CPU
- ★ 64 MB SDRAM soldered onboard, additional 256 MB on SODIMM
- ★ Support CRT/TV Output
- ★ LAN 10/100 Mbps, Realtek RTL8100BL
- ★ CompactFlash Type I/II

Specifications

System Board

- **CPU:** Low power embedded NS Geode GX1 300 MHz CPU with 16K Byte 1st Level Cache
- **System Memory:** 64 MB SDRAM soldered onboard and one SODIMM socket for up to 256 MB of additional SDRAM
- **System Chipset:** GX1 with NS CS5530A
- **BIOS:** Award Flash BIOS
- **Display:** CS5530A integrated w/ 4 MB Video RAM (UMA). Support CRT, Flat Panel (TTL), & TV-out
- **Fast Ethernet:** Realtek RTL8100BL
- **Watchdog Timer:** 1.6~256 sec, system Reset or NMI
- **Audio:** AC'97 Ver. 2.2 Compliant Interface
- **Flash Disk:** CompactFlash Type I/II & DiskOnChip2000
- **Expansion :** PC/104 (ISA)
- **Serial Ports:** 1 x RS232, 1 x RS 232/422/485 (internal)
- **Parallel Ports:** SPP, EPP, and ECP mode
- **USB:** 2 x USB Ports

System External I/O

- **Serial Port:** 1 x RS232C COM Port
- **USB:** 2 x USB Ports
- **LAN:** 1 x RJ-45
- **Display:** 1 x DB-15 & 1 x TV-output
- **Mouse/Keyboard:** 1 x PS/2 mini DIN for Mouse/Keyboard
- **Flash Disk:** CompactFlash Type I/II

Power Adaptor

- **AC Power Input:** 100~240V / 50~60Hz 1.5A max.; 12V@ >3Am
- **DC Power Output:** +5 Vdc +/- 5% rate @4.5A with peak rated @5A

Mechanical & Environment

- **Operating Temperature:** 0 ~ 40°C
- **Storage Temperature:** -20 ~ 75°C
- **Dimension (W x H x D):** 198 x 126 x 55mm (7.8" x 5" x 2.2")
- **Weight:** 1.15kg (2.53 lb)
- **Mounting:** Wallmount or Desktop

OEM Options

- **EmCORE-n511VLC**
w/ C&T69000 chip 2MB SDRAM on die for Flat Panel Support (TTL/LVDS)

External I/O: Additional

- **Serial Port:** 1 x RS232/422/485
- **Parallel Port:** 1 x DB-25
- **Audio:** Mic-in, Line-in, Line-out

Ordering Information

BPC-300-5110

BPC with EmCORE-n511VL, 64MB SDRAM on board

PAD-HPA-501242U3

AC-DC Power Adaptor 12V@4.2A

Dimension Diagram

Unit: mm

