



* The heat sink has been removed for photo purpose.

Features

- Onboard NS Geode GX1-300 BGA CPU
- NS CS5530A LCD controller supports 18-bit TFT panels
- 10/100Base-T Fast Ethernet
- Supports DiskOnChip® up to 1GB
- Digital I/O



Specifications

System

- **CPU** Onboard NS Geode GX1 300MHz processor
- **System Memory** SDRAM DIMM x 1, Max. 256 MB
- **Chipset** NS CS5530A
- **I/O Chipset** National NS97317/ITE IT8661F. Fully 16-bit I/O decoded
- **BIOS** Award 256KB FLASH ROM
- **Ethernet** Realtek RTL8139C, 10/100Base-T RJ-45 connector x 1
- **SSD** Supports DiskOnChip® up to 1GB
- **Watchdog Timer** Generate a system reset, IRQ15.
- **Expansion Interface** PCI slot x 1, PC/104 socket x 1
- **Battery** Lithium battery
- **H/W status monitoring** Supports power supply voltages, CPU fan rotation and temperature monitoring
- **Power supply voltage** +5V(4.75V to 5.25V), +12V(11.4V to 12.6V), ATX.
- **Size/ Weight** 8" (L) × 5.75" (W) (203 mm × 146 mm)
1.2 lb. (0.5 Kg)
- **Operating temperature** 32°F ~ 140°F (0°C ~60°C)

I/O

- **MIO** IDE (UDMA33) x 1, FDD x 1, KB+Mouse x 1, RS-232 x 3, RS-232/422/485 x 1, Parallel ×1
- **IrDA** One IrDA Tx/Rx header
- **Audio** NS CS5530A, AC-97 2.0 compliant
- **USB** One 4x2 pin header supports 2 USB 1.1 ports
- **Digital I/O** 4 TTL digital input bits & 4 TTL digital output bits

Display

- **Chip** NS CS5530A
- **Memory Size** 1~4 MB UMA shared memory
- **Resolution** up to 1600 x 1200@16bpp for CRT
- **LCD Interface** 18-bit TTL for TFT LCD panel

Packing List

- **Jumper Cap** 9657666600
- **Quick Installation Guide**
- **Utility CD**