EM-551

▪▪◉▶ **5.25" NS Geode™ GX1-300 SBC with VGA/ 3xLAN**

LAN LED
VGA header
On-board NS Geode™ GX1-300MHz low power CPU
Power LED
2 IDE Ports
On-board 64MB SDRAM
Award® licensed BIOS
Li Battery
LPT Port
4 pin Power Connector
FDD Port
COM Port
USB Port
Keyboard & Mouse header
3 RJ-45 Ethernet Connectors
Power adapter Connector
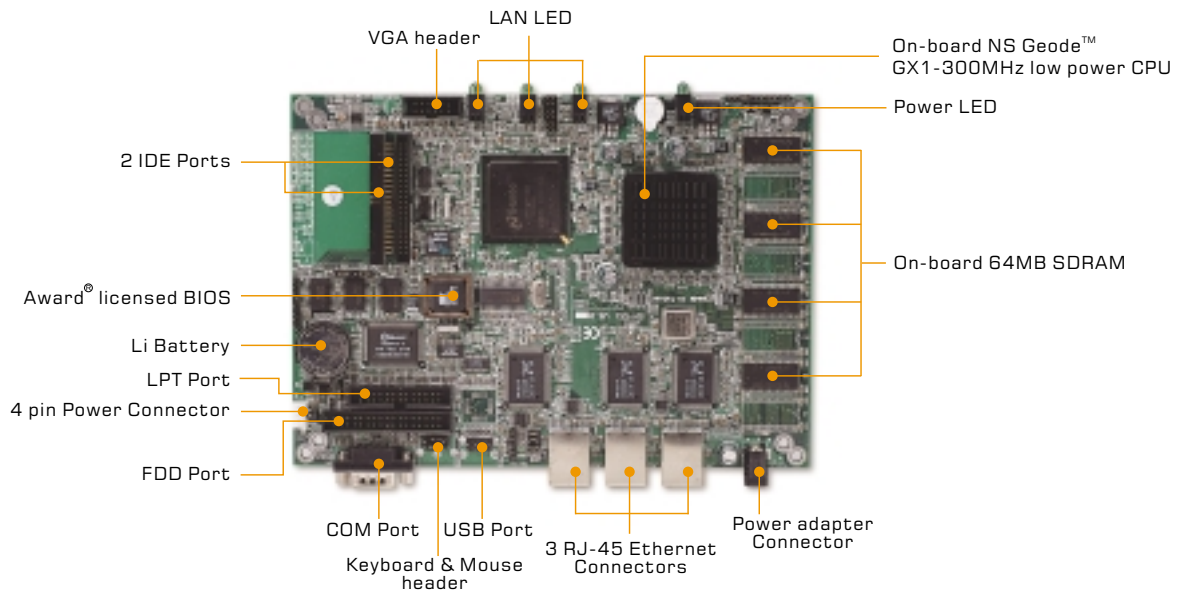
FEATURES

- On-board NS Geode™ GX1-300 MHz low power CPU
- NS CS5530A chipset
- On-board 64MB SDRAM
- Built-in three 10/100 Base-TX interface and RJ-45 connectors with Link and Active signal header
- 5.25" Form Factor, special design for Firewall and network applications

SPECIFICATION

CPU
On-board NS Geode™ GX1-300MHz low power CPU

Chipset
NS CS5530A chipset

BIOS
256KB Award® license BIOS

System Memory
On board 64MB SDRAM

VGA/LCD
NS CS5530A, shared memory 2MB, resolution up to 1024x768@64k colors (12-pin header with housing)

Ethernet
3 x Realtek 8139C chip, support 3 x 10/100 Base-TX Ethernet, 3 x RJ-45 external connectors with Link and Active signal header

IDE Interface
2 PCI IDE ports support up to 4 IDE devices. Support PIO mode 4 and Bus Master. Also support Multi-word DMA and Ultra DMA/33.

Floppy Drive Interface
1 FDD port, support up to 2 floppy devices

Serial Port
1 COM port,(RS-232 DB-9connector)

Parallel Port
1 Multi-mode parallel port (SPP/EPP/ECP)

Universal Serial Bus
Support 2 USB header

Keyboard/Mouse Connector
On-board 6 pin header

RTC
Internal RTC with Li battery

Power Management
I/O peripheral devices support power saving and doze/standby/ suspend modes.APM 1.2 compliant

Power Connector
On-board 4 pin internal power connector (+5, GND, GND, NC), power adapter connector (+5, GND)

Power Consumption
+5V@1.94A (GX1-300, 32MB SDRAM)

Operating Temperature
$0^0C \sim 60^0C$

Humidity
5 % ~ 95% RH, non-condense

Dimensions
203 x 146 mm (8" x 5 3/4")

Net Weight
220g (0.48 pounds)