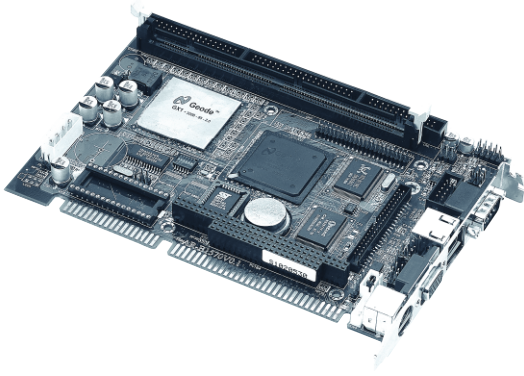## Half-size NS Geode GX1-300 Low Power ISA-bus CPU Card with VGA/LCD, LAN, DOC

AR-B1570

Features

- On board low power NS Geode GX1 300MHz CPU
- NS CS5530A Chipset
- On-board one DIMM socket up to 256MB SDRAM memory
- ISA and none-stack through PC/104
- VGA/LCD Display
- On-board 10/100M Base-T Ethernet function
- Supports Compact Flash Interface (optional CF adaptor) and Disk On Chip
- PCB size: 185 mm x 122 mm (7.3" x 4.8")

Specifications

General

CPU	On-board NS Geode GX1 300MHz low power CPU
Chipset	NS CS5530A
BIOS	AWARD
System Memory	One DIMM socket, supports maximum 256MB SDRAM memory maximum
Watchdog	Software programmable 1~63 seconds
RTC	Chipset included, support ACPI function with 7 years data retention
Serial Port	One RS-232C/RS-485 COM port
	One RS-232C/IrDA/Touch Screen port
Parallel Port	One parallel port, support SSP/EPP/ECP modes
Enhanced IDE	Supports two Enhanced IDE ports up to four Enhanced IDE devices (Ultra DMA 33 mode) and IDE flash Modules
FDD interface	Supports one FDC port up to two FDDs
USB	Supports two USB connectors, USB 1.0 compliant
Keyboard and mouse	Mini-DIN connector for keyboard and PS/2 mouse
Expansion Bus	PC/104, ISA bus

VGA Display

Chipset	Integrated 2D Graphics Accelerator
Display memory	Shared system memory 1~4MB
Interface	CRT-D-SUB 15-pin female connector at bracket
	LCD-supports 18-bit TFT LCD Panel with TTL interface, 2.00mm 2x22-pin header connector

Ethernet

Chipset	Realtek RTL8139C
Interface	Supports 10/100Mbps Base-T with RJ-45 connector built-in LED

Solid State Disk

Solid State Disk	DOC socket and optional compact flash adaptor

Mechanical and Environmental

Power requirements	+5V and +12V (+12V is only necessary for LCD inverter)
Dimensions	185 mm x 122 mm (7.3" x 4.8")
PC Board	6 layers
Operating temperature	0~60 ℃
Storage Temperature	-20~80 ℃
Operating humidity :	0% ~ 90% Relative humidity non-condensing

Ordering information:

Model No.	Description	Accessories
AR-B1570	Half-size NS Geode GX1-300 Low Power ISA-bus CPU Card with VGA/LCD, LAN, DOC	1. Cable: HDD/FDD Cables, Parallel/COM port, CablesY cable for PS/2 Mouse & Keyboard 2. CD drivers: IDE, LAN, VGA for Windows 95/98, NT, OS/2 and Linux
AR-B9462	IDE to Compact Flash adaptor	