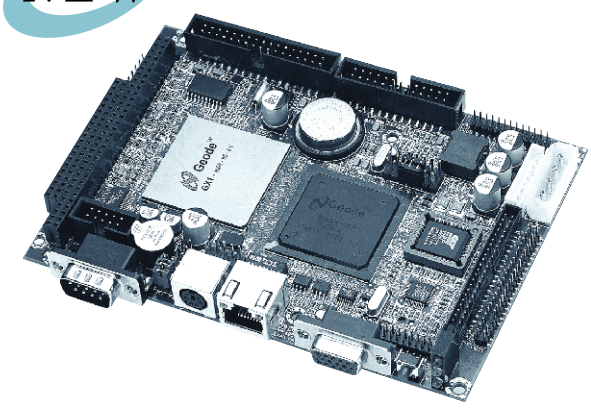
3.5" NS Geode GX-1 EPC with VGA/LCD/LVDS, LAN, Audio, DOC/Compact Flash

AR-B1551

NEW



Features

- Cyrix Geode GX1 300MHz CPU
- NS CS5530A Chipset
- VGA LCD/LVDS interface
- Compact Flash Interface and Disk On Chip socket
- One SO-DIMM socket can support up to 128MB SDRAM memory
- One 10/100M Base-T Ethernet port
- Audio output/input
- Compact size: 145 mm x 102 mm (5.7" x 4")
- ISA-bus expansion with on-board PC/104 connector
- Requires +5V power supply only
- Programmable watch dog timer

Specifications

General

CPU	On-board NS Geode GX1 300MHz CPU
Chipset	NS CS5530A
BIOS	AWARD
System Memory	One SO-DIMM socket, supports 128MB SDRAM memory maximum
Watchdog	Software programmable 1~63 seconds
I/O Chip with RTC	Winbond W83977F standard RTC
Serial Port	One RS-232C and one RS-232C/RS-485 COM port
Parallel Port	One parallel port, support SSP/EPP/ECP modes
Enhanced IDE	Supports one Enhanced IDE port up to two Enhanced IDE devices (Ultra DMA 33 mode) and IDE flash Modules
FDD interface	Supports one FDC port up to two FDDs
IrDA Port	Provides the function of IrDA 1.1 (MIR for 1.152M bps or FIR for 4M bps)
USB	Supports two USB connectors, USB 1.0 compliant
Keyboard and mouse	PS/2 connector for keyboard and mouse
PC/104 expansion	104-pin 16-bit PC/104 module connector

VGA Display

Chipset	NS CS5530A on-chip VGA
Display memory	Shared system memory 1~4MB
Interface	CRT-D-SUB 15-pin female connector
	LCD-18-bit for TFT LCD Panel, 2x22x2.00mm pin-header connector for TTL interface and 2x13x2.00mm pin-header connector for LVDS interface
Audio	AC97 ver 2.0 compliant with audio I/O, Mic in, and CD audio in

LAN

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

Solid State Disk

Solid State Disk	Supports one Compact Flash Interface and one DOC socket

Mechanical and Environmental

Power requirements	+5V-3.0A
Dimensions	145mm x 102 mm (5.7" x 4")
PC Board	8 layers
Operating temperature	0~60℃
Storage Temperature	-20~80℃
Operating humidity	0% ~ 90% Relative humidity non-condensing

Ordering information:

Model No.	Description	Accessories
AR-B1551	3.5" NS Geode GX-1 EPC with VGA/LCD/LVDS, LAN, Audio, DOC/Compact Flash	1. Cable: HDD/FDD Cables, Parallel/COM port Cables 2. CD drivers: IDE, LAN, VGA , Audio for Windows 95/98, NT, OS/2 and Linux 3. AR-B9425 Audio output transfer board, optional