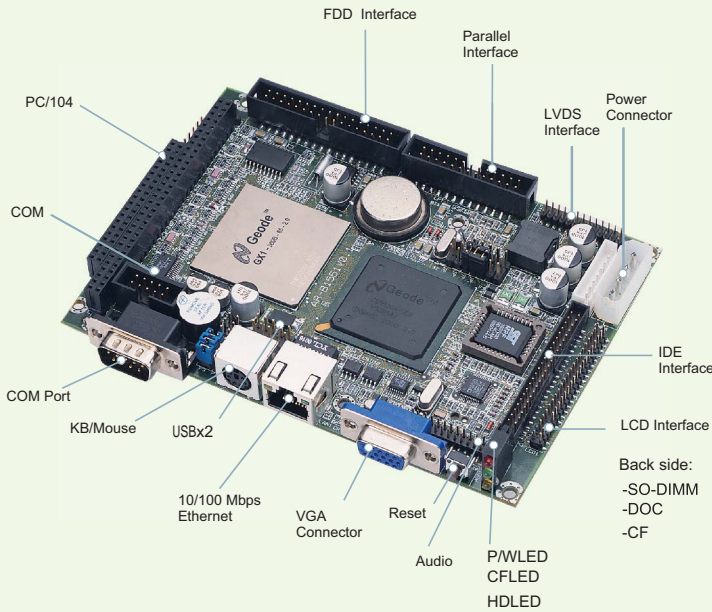


# AR-B1551

586 3.5"EPC



## Features

**Fanless 3.5 on board Pentium NS AMD Geode GX1 300MHz CPU, with VGA(CRT/LCD), 10/100 LAN, 2 Serial Ports, PC104, Audio, SSD/DOC, Compact Flash**

Fanless > 586 > 3.5" >

SDRAM > 2 USB > LAN >

2 COM > CF > DOC >

Audio > LCD > VGA >

PC104 Slot >

Embedded Computing Board

## Specification

### System:

CPU	On-board NS Geode GX1 300MHz
Chipset	NS CS5530A
System Memory	One SO-DIMM socket, supports up to 128MB SDRAM memory
BIOS	AWARD
SSD	One DiskOnChip (DOC) socket, supports up to 8~256 MB flash memory . One Compact Flash Type I Socket
Watchdog Timer	Software programmable 1~63 seconds
Expansion Interface	One 16-bit PC/104 (104-pin)
Battery	Lithium 3V/400mAH
Power Requirement	+5V-3.0A (AT)
Dimension	145mm x 102 mm (5.7" x 4")
Operating Temperature	0~60°C(32~140°F)
Storage Temperature	-20~80°C(-4~176°F)
Operating Humidity	0% ~ 90% Relative humidity non-condensing

### I/O:

Main IO	1xE-IDE (2.0mm 44-pin, Ultra DMA 33), 1xFDD, PS/2 (KB/Mouse) 1xRS-232C, 1xRS232C/485, 1x LPT
IrDA	Yes
Ethernet	Realtek RTL8139C (10/100Mbps Base-T, RJ45x1)
Audio	On-board AC97 Codec (Mic in, Line in, Line out, Speaker out -1watt amplify)
USB	2 (USB 1.1 compliant)
LED	HDD, Power, CF LED

### Display:

Chipset	NS CS5530A on-chip VGA
Memory Size	Shared system memory 1~4MB
Resolution	CRT: 1280x1024, TFT LCD: 1280x1024
Interface	CRT-D-SUB 15-pin female connector 18-bit for TTL LCD Panel 18-bit for LVDS LCD Panel

### Packing list

190030004	COM Cable
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### Packing list

190030006	3.5"FDD Cable
190030008	2.5" HDD Cable
190030015	LPT Cable
190030271	Keyboard + Mouse cable
010080268-01	AR-B9425A Audio Transfer Board
190030132	Audio Transfer Board Cable
	Utility CD, Manual

## Ordering Information

### Standard:

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### Optional:

190030412	USB without bracket
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Specifications are subject to change without notice.