



## Features

- ✓ Fanless Design
- ✓ Onboard AMD Geode GX466 333MHz CPU
- ✓ Onboard 128MB DDR SDRAM
- ✓ 512KB SRAM with battery back-up
- ✓ PC/104 interface
- ✓ 2 x COM, 4 x USB2.0, VGA, 24-bit LVDS, 1 x 10/100 LAN

## SPECIFICATION

### System

<b>CPU</b>	AMD GX466
<b>Chipset</b>	SB Geode CS5536
<b>Memory</b>	Onboard 128MB 266 DDR SDRAM
<b>SRAM</b>	512KB
<b>Battery</b>	Lithium Battery, 3V 220mAH
<b>BIOS</b>	Award
<b>RTC</b>	Yes
<b>Hardware Monitoring</b>	Supports Power Voltage and CPU temperature monitoring
<b>WatchDog Timer</b>	Software programmable 1~63 sec.
<b>OS</b>	Windows NT4.0/98/2K/XP, WinCE, Linux

### Video

<b>Video Controller</b>	Built in Geode Graphic processor
<b>Video Interface</b>	CRT up to 1600 x 1200 at 16bpp or 1280 x 1024 at 24 bpp Support TTL with 24bit up to 1280 x 1024

### Ethernet

<b>Connector</b>	RJ45
<b>Controller</b>	Realtek RTL8100C (10/100)

### Storage

<b>IDE</b>	1 x IDE 40 pin connector support Ultra DMA33/66
<b>FDD</b>	1 x Floppy disk drive 3.5"
<b>SSD</b>	1 x Compact Flash socket

### Others I/O

<b>Serial Port</b>	RS-232 x 1 by Connector RS-232/422/485 x 1 by Pin head
<b>USB Port</b>	4 x USB 2.0
<b>Audio</b>	VIA VT 1612A / AC97 / Lin-in, Mic-in, Line-out
<b>GPIO</b>	8-bit Digital I/O
<b>Parallel Port</b>	SPP,EPP and ECP mode
<b>Keyboard/Mouse</b>	PS/2 Keyboard and PS/2 Mouse Connector
<b>Expansion Slot</b>	PC/104

### Mechanical & Environment

<b>Dimension</b>	185mm x 122mm (7.3 x 4.8")
<b>Power Requirement</b>	+5V@4.0A typical, +12V@1.0A typical supports AT/ATX power function
<b>Operating Temp.</b>	0~60°C (32~140°F)
<b>Storage Temp.</b>	-20~80°C (-4~176°F)
<b>Relative Humidity</b>	0 to 90% @ 40°F, non-condensing
<b>Safety</b>	CE FCC class A

### Packing List

AR-B1572 CPU Board
CD Driver
Quick User Guide
PS2 Keyboard and Mouse cable
Series port cable
40-pin HDD cable
Parallel port cable
USB cable
FDD cable

## Ordering Information

### Standard

<b>AR-B1572</b>	Fanless ISA-Bus SBC with GX466 333MHz CPU, LCD, LAN, On-board 128MB DDR266 SDRAM
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