



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

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

Video

Video Controller	Built in Geode Graphic processor
Video Interface	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

Connector	RJ45
Controller	Realtek RTL8100C (10/100)

Storage

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

Others I/O

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

Mechanical & Environment

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

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