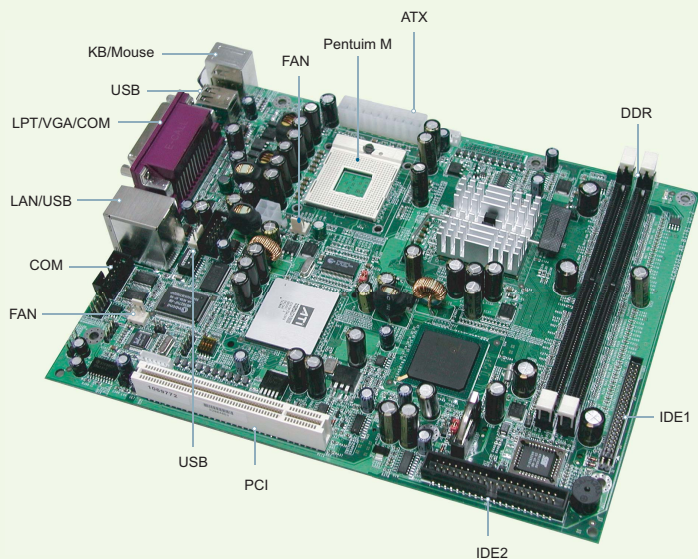


# AR-B1891

ATX

Embedded Computing Board



## Features

**Pentium M Embedded PC with ATI Mobility RADEON 9000 for Gaming and High Performance Multimedia Applications**

- Pentium M >
- Mini PCI >
- 2 DDR >
- 6 USB2.0 >
- 1 LAN >
- 4 COM >
- CF+Type II >
- Audio >
- LCD >

## Specification

### System:

CPU	Supports Intel Pentium M/Celeron M (Socket 479, 400MHz Front-Side-Bus)
Chipset	Intel (855GME) +Intel (ICH4-M)
System Memory	Supports DDR 200/266/333 (PC1600/2100/2700)DDR SDRAM, On-board two 184-pin DIMM slots for up to 2.0GB
BIOS	Award BIOS
SSD	CF+ Type II for Compact Flash storage and Micro Drive (can be write-protected by jumper)
Watchdog Timer	Software programmable 1~63 seconds
Expansion Interface	One 32-bit/33 MHz PCI slot supports 2 PCI Master One Mini-PCI slot
Battery	Lithium 3V/220mAH
Power Consumption	+5V and +12V, with ATX12 power input connector
Dimension	190 mm x 244 mm (7.4 " x 9.6 ")
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	Dual Channel 24-Bit LVDS Interfaces, VGA RGB output (DB15 connector) 2x RS-232 ports (one DB-9 connector and one (2x5x2.54 mm box header Keyboard/Mouse (PS/2 compatible), 1x LPT port (DB25 connector) Flash Disk Drive Interface
Ethernet	INTEL 82562ET PHY, 10/100 Mbps Ethernet with RJ45 connector
Audio	Realtek ALC202A supports AC97 with line-in/out and MIC-in (2*6*2.54 pin-header with cable)
USB	6 USB 2.0 ports, 4 ports on real panel and 2 internal ports
IDE	On-board one 2x22x2.00mm and one 2x20x2.54mm pin-header connector Supports Ultra DMA 33/66/100

### Display:

Chipset	ATI Mobility Radeon 9000 (M9) supports DirectX 8.1 ATI Mobility Radeon 9700(M11) supports DirectX 9
Memory Size	On Chip 64MB Graphics Memory
Interface	Analog VGA with DB15 Connector Supports Single 18/24-bit and Dual Channel 48-bit LVDS

### Packing list

Utility CD, Manual

## Ordering Information

### Standard:

AR-B1891M9	Petium M Embedded PC with ATI Mobility RADEON 9000
AR-B1891M11	Petium M Embedded PC with ATI Mobility RADEON 9700

### Option:

Accessory kit

Specifications are subject to change without notice.