

# AR-B1794

Mini ITX

Embedded Computing Board



## Features

**Mini-ITX Pentium IV Embedded PC with TV-Out, LVDS, 4 COM, USB 2.0, SATA, Audio**

- Pentium IV
- ATI
- DDR
- 4 COM
- AGP 4x
- VGA
- 4 USB 2.0
- PCI
- Digital I/O

## Specification

### System:

CPU	Support Intel Socket 478 Pentium IV and Celeron FSB 400/533/800MHz CPU, Hyper-Threading supported
Chipset	ATI RS300M Chipset, North Bridge: Mobility IGP9180, South Bridge: IXP150
System Memory	One DDR Slot support up to 1.0GB PC266/333/400 DDR SDRAM (ECC function not supported)
BIOS	Award , ACPI supported
Watchdog Timer	Generates system reset; 256 levels
Expansion Interface	1 PCI, support 2 bus master
Power Requirement	APM 1.2
Power Connector	ATX, 12V
Dimension	170mm x 170mm ( 6.69 " x 6.96 ")
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	IrDA x 1, Parallel x 1, COM1, COM2 (RS232), FDC up to 2.88MB, (3 Mode support), hardware monitoring , COM3, COM4 (RS232) Realtek 8100BL LAN Controller (10/100Mb), Digital I/O ( 4 in/ 4 out), 2 x Serial ATA ( SiI3512), FDD Interface, 1 x parallel port (SPP/EPP/ECP), 4 x RS-232 ports, 4 x USB 2.0 compliant PS/2 type keyboard and mouse connectors
Audio	IXP150 built-in sound controller with AC97 codec , ALC650 AC3 5.1 CH. (Line-out, Line-in, Mic)
IDE	Built in IXP150, supports Ultra DMA 33/66/100 IDE1: 40 pin pitch 2.54mm, IDE2: 44 pin pitch 2.0mm

### Display:

Chipset	ATI RS300M
VGA	Mobility IGP9180 embedded, AGP 4X, CRT, TV-out, LVDS VGA CRT and TV-out connectors on board Supports dual independent view (LVDS with CRT or TV-out)

## Ordering Information

### Standard:

AR-B1794	Mini ITX Pentium 4 Embedded PC with,TV out, LVDS, 4 COM, USB 2.0, SATA, Audio.
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### Packing list:

010010237	AR-B1794 with Accessories
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Specifications are subject to change without notice.