



## Features

- ✓ Support Intel Core 2 Duo, Core Duo and Celeron M
- ✓ Dual Channel DDR2 up to 4GB
- ✓ VGA/DVI/LVDS/TV-Out
- ✓ 6 x COM (5 x COM with Easy-Plug)
- ✓ TPM Software Security
- ✓ PCI and PCI Express x16 Expansion

## Specification

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<b>CPU</b>	Support Intel Core 2 Duo, Core Duo and Celeron M
<b>Chipset</b>	Intel 945GME + Intel ICH7M
<b>Front Side Bus</b>	533/667MHz
<b>Memory</b>	2 x 200-pin SO-DIMM socket support 400/533/667MHz Dual Channel DDR2 SDRAM up to 4GB

### Video

<b>Graphic Controller</b>	Intel 945GME integrated GMA 950 graphic controller
<b>Video Memory</b>	DVMT 3.0, Maximum 256MB shared
<b>Video Interface</b>	<ul style="list-style-type: none"> <li>• 1 x VGA (Pin header)</li> <li>• 1 x DVI port</li> <li>• 1 x Dual Channel 18-bit LVDS (Pin header)</li> <li>• 1 x TV-Out (Pin header)</li> </ul>

### Storage

<b>IDE</b>	2 x IDE (40/44-pin)
<b>SATA</b>	2 x SATA II port
<b>CF</b>	1 x Compact Flash Type I socket
<b>SD</b>	-

### I/O

<b>Expansion Slot</b>	<ul style="list-style-type: none"> <li>• 1 x PCI Express x16</li> <li>• 1 x PCI</li> </ul>
<b>Ethernet</b>	1 x 100Mbps RJ45 with LED, Intel 82753E
<b>Serial Port</b>	5 x RS-232, 1 x RS-232/422/485 (1 x DB44 includes 5 serial port, 1 x pin header)
<b>USB</b>	8 x USB2.0 (6 x external port, 2 x pin header)
<b>GPIO</b>	8-bit Digital I/O
<b>Parallel Port</b>	-
<b>PS/2</b>	1 x PS/2
<b>Audio</b>	Realtek ALC655

### Hardware Feature

<b>Hardware Monitoring</b>	<ul style="list-style-type: none"> <li>• CPU voltage</li> <li>• CPU and system temperature</li> <li>• CPU and fan speed</li> </ul>
<b>WatchDog Timer</b>	Software programmable 1~255 sec.

### Power Requirement

<b>Power Input</b>	Standard ATX 20-pin power connector
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### Software

<b>OS Support</b>	Windows XP/XP Embedded, Linux
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### Mechanical & Environment

<b>Dimension</b>	170mm x 200mm (6.69" x 7.87")
<b>Weight</b>	Net: 352g (0.8Lb)
<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°C, non-condensing
<b>Safety</b>	CE, FCC class A

### Packing List

- 1 x AR-B1892
- 1 x Quick user manual
- 1 x Utility CD
- 1 x Cooler

### Ordering Information

<b>AR-B1892</b>	1 x AR-B1892
<b>Accessory</b>	ACC-1892: <ul style="list-style-type: none"> <li>• 1 x PCI Express x16 riser card (AR-RS04)</li> <li>• 1 x PCI riser card (AR-RS05)</li> <li>• 1 x PS/2 keyboard and mouse cable</li> <li>• 1 x USB cable</li> <li>• 1 x COM cable (DB9)</li> <li>• 1 x TV-Out cable</li> <li>• 1 x VGA cable (DB15)</li> <li>• 1 x HDD cable (40-pin)</li> <li>• 1 x HDD cable (44-pin)</li> </ul>