



## Features

- ✓ DDR solution
- ✓ DVI-D
- ✓ TV-out function
- ✓ 6 serial ports
- ✓ Hardware monitor(fan speed, temperature, voltage)

## SPECIFICATION

System	
<b>CPU</b>	Socket 479 support Intel Pentium M/Celeron M FSB 400MHz CPU
<b>Chipset</b>	Intel 852GM+Intel ICH4
<b>Front Side Bus</b>	400MHz
<b>Memory</b>	Two SO-DIMM socket support 200/266 DDR SDRAM up to 2GB
<b>Battery</b>	One time Li-Ion CR2032 220mAh for RTC
<b>WatchDog Timer</b>	Software programmable 1~255 sec.
<b>OS</b>	Windows XP, XP Embedded, Windows CE and Linux
Video	
<b>Video Controller</b>	Intel 852GM integrated Extreme Graphics Controller
<b>Video Interface</b>	VGA port One 18/36 bits LVDS port DVI-D port
Ethernet	
<b>Connector</b>	2 x RJ45
<b>Controller</b>	Intel 82551QM (10/100) Intel 82562EZ PHY (10/100)
Storage	
<b>IDE</b>	Two PATA disk interface (40 & 44 pin connector)
<b>SSD</b>	1 x Compact Flash socket
I/O	
<b>Serial Port</b>	RS-232 x 5 RS-232/422/485 x 1
<b>USB Port</b>	2 x External USB 2.0 2 x Internal USB 2.0
<b>Audio</b>	AC'97 Stereo (MIC-In/Line-In/Line-Out)
<b>GPIO</b>	8-bit Digital I/O
<b>Parallel Port</b>	LPT Port x 1 (optional)
<b>Keyboard/Mouse</b>	PS/2 Keyboard and PS/2 Mouse Connector
<b>Expansion Slot</b>	Mini-PCI Slot x 2 PCI Slot
<b>Others I/O</b>	FDD Pin header (optional)

Mechanical & Environment	
<b>Dimension</b>	216mm X 164mm
<b>Power</b>	DC 12V Single Power Lockable DC plug-in jack
<b>Power Mode</b>	ATX mode
<b>Power</b>	Power / HDD LED
<b>Consumption</b>	
<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

Packing List	
1.	AR-B1896
2.	IDE 40 Pin cable x 1
3.	IDE 44 pin cable x 1
4.	FDD cable x 1 (optional)
5.	Driver CD x1
6.	serial cable x 2
7.	LPT cable x 1 (optional)
8.	Quick Manual x 1
9.	VGA cable x 1
10.	USB cable x 1