



## Features

- ✓ Intel Atom N270 1.6GHz
- ✓ Intel 945GSE + ICH7M
- ✓ Memory Support DDR2  
400/533MHz up to 2GB
- ✓ VGA/LVDS
- ✓ 6 x USB2.0, 8 x COM, SATA

## Specification

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<b>CPU</b>	Intel Atom N270 1.6GHz
<b>Chipset</b>	Intel 945GSE + Intel ICH7M
<b>Front Side Bus</b>	533MHz
<b>Memory</b>	1 x 240-pin DIMM socket support 400/533MHz DDR2 SDRAM

### Video

<b>Graphic Controller</b>	Intel 945GSE integrated GMA 950 graphic controller
<b>Video Memory</b>	DVMT 3.0, Maximum 224MB shared
<b>Video Interface</b>	<ul style="list-style-type: none"> <li>• 1 x VGA (1 x DB15)</li> <li>• 1 x 18-bit LVDS (Pin header)</li> </ul>

### Storage

<b>IDE</b>	1 x IDE (44-pin)
<b>SATA</b>	2 x SATA port
<b>CF</b>	-
<b>SD</b>	-

### I/O

<b>Expansion Slot</b>	1 x PCI
<b>Ethernet</b>	<ul style="list-style-type: none"> <li>• 1 x 100Mbps RJ45 with LED, Realtek RTL8103</li> <li>• 1 x Gbps RJ45 with LED, Realtek RTL8111C</li> </ul>
<b>Serial Port</b>	8 x RS-232 (1 x DB9, 7 x pin header)
<b>USB</b>	6 x USB2.0 (4 x external port, 2 x pin header)
<b>GPIO</b>	-
<b>Parallel Port</b>	2 x LPT (1 x DB25, 1 x pin header)
<b>PS/2</b>	1 x PS/2
<b>Audio</b>	Realtek ALC662

### Hardware Feature

<b>Hardware</b>	CPU voltage and temperate
<b>Monitoring</b>	-
<b>WatchDog Timer</b>	-

### Power Requirement

<b>Power Input</b>	12V (+/-5%) single voltage input
<b>Power Consumption</b>	20.4W without external devices, 1.3A@3.3V, 2.5A@5V, 0.3A@12V

### Software

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

<b>Dimension</b>	170mm x 170mm (6.69" x 6.69")
<b>Operating Temp.</b>	0~60°C (32~140°F)
<b>Storage Temp.</b>	-20~80°C (-4~176°F)
<b>Relative Humidity</b>	10 to 90% @ 40°C, non-condensing
<b>Safety</b>	CE, FCC class A

### Packing List

- 1 x AR-B5495
- 1 x Driver CD
- 1 x User manual
- 2 x COM cable
- 1 x LPT cable
- 1 x IDE cable (44-pin)
- 1 x I/O bracket
- 1 x SATA cable kit (SATA/Power)

### Ordering Information

<b>AR-B5495</b>	1 x AR-B5495
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