



### Features

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

## Specification

### System

<b>CPU</b>	Intel Atom N270 1.66GHz
<b>Chipset</b>	Intel 945GSE+ Intel ICH8M
<b>Front Side Bus</b>	400MHz
<b>Memory</b>	<ul style="list-style-type: none"> <li>• 1 x 240-pin DIMM socket support 400/533MHz</li> <li>• DDR2 SDRAM up to 2GB</li> <li>• 1GB DDR2 pre-installed</li> </ul>

### Video

<b>Graphic Controller</b>	Intel 945GSE intergrated 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 port (DB15)</li> </ul>

### Storage

<b>IDE</b>	-
<b>SATA</b>	2 x SATA II port
<b>CF</b>	1 x Compact Flash Type I/II slot support UDMA 33
<b>Disk Bay</b>	-

### Communication

<b>Ethernet</b>	<ul style="list-style-type: none"> <li>• 1 x Gbps RJ45 with LED, Realtek RTL8111C</li> <li>• 1 x 10/100Mbps RJ45 with LED, Realtek RTL8103</li> </ul>
<b>USB</b>	6 x USB2.0 (6 x external port)
<b>Serial Port</b>	2 x RS-232 (2 x DB9)

### Expansion

<b>PCI Slot</b>	1 x PCI
<b>PCI Express Slot</b>	-
<b>miniPCle</b>	-

### Other Feature

<b>PS/2</b>	<ul style="list-style-type: none"> <li>• 1 x PS/2 Keyboard</li> <li>• 1 x PS/2 Mouse</li> </ul>
<b>Audio</b>	Realtek ALC662 Audio Codec (MIC-In, Line-Out)
<b>Hardware</b>	-
<b>Monitoring</b>	-
<b>WatchDog Timer</b>	-
<b>Indicator</b>	Power and HDD LED
<b>Parallel Port</b>	1 x LPT port
<b>GPIO</b>	8-bit Digital I/O

### Power Requirement

<b>Power Input</b>	12V (+/-5%) single voltage input, 3 poles terminal block
<b>Power</b>	-
<b>Consumption</b>	-

### Software

<b>OS Support</b>	Windows Vista/XP/XP Embedded
-------------------	------------------------------

### Mechanical & Environment

<b>Thermal Design</b>	Fan
<b>Dimension (W x D x H)</b>	219mm x 223mm x 69mm (8.63" x 8.78" x 2.72")
<b>Weight</b>	-
<b>Operating Temp.</b>	0~45°C (32~113°F)
<b>Relative Humidity</b>	0 to 95%, non-condensing
<b>Safety</b>	CE, FCC class A, UL

### Packing List

1. AR-ES5495 x 1
2. Driver CD x 1
3. User manual x 1
4. 1GB DDR2 SDRAM pre-installed
5. LPT cable x 1
6. SATA cable x 2
7. SATA power convert cable x 1
8. IDE cable (44-pin) x 1
9. COM cable x 2 (1 for pre-installed)
10. IO bracket x 1 (1 for pre-installed)

### Ordering Information

<b>AR-ES5495</b>	AR-ES5495 with Intel Atom N270 1.6GHz, 1GB DDR2
<b>Optional</b>	2G 44-pin IDE DOM