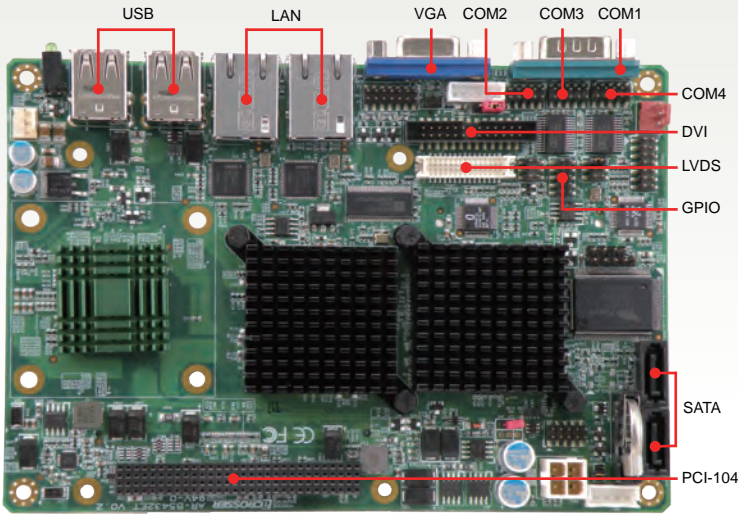


# AR-B5432

Intel Atom N270 EPIC SBC with Dual Giga LAN, VGA, DVI, TV-Out, PCI-104, 4 x COM, 6 x USB2.0



### Features

- ✓ Intel Atom N270 1.6GHz
- ✓ Memory Support DDR2 400/533MHz up to 2GB
- ✓ VGA/DVI/LVDS/TV-Out
- ✓ 6 x USB2.0, ALC655 AC97 Rev. 2.3, 4 x COM, CF Socket, PCI-104

Embedded SBC

## Specification

System	
<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 200-pin SO-DIMM socket support 400/533MHz DDR2 SDRAM up to 2GB
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 port (DB15)</li> <li>• 1 x DVI (Pin header)</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>	-
<b>SATA</b>	2 x SATA II port
<b>CF</b>	1 x Compact Flash Type I/II slot support UDMA 33
<b>SD</b>	-
I/O	
<b>Expansion Slot</b>	1 x PCI-104 slot
<b>Ethernet</b>	2 x Gbps RJ45 with LED, Intel 82574L
<b>Serial Port</b>	3 x RS-232, 1 x RS-232/422/485 (1 x DB9, 3 x pin header)
<b>USB</b>	6 x USB2.0 (4 x external port, 2 x pin header)
<b>GPIO</b>	8-bit Digital I/O
<b>Parallel Port</b>	-
<b>Audio</b>	Realtek ALC655
Hardware Feature	
<b>Hardware</b>	<ul style="list-style-type: none"> <li>• CPU voltage and temperature</li> </ul>
<b>Monitoring</b>	<ul style="list-style-type: none"> <li>• CPU and fan speed</li> </ul>
<b>WatchDog Timer</b>	Software programmable 1~255 sec.

Power Requirement	
<b>Power Input</b>	12V (+/-5%) single voltage input
Software	
<b>OS Support</b>	Windows XP/XP Embedded/CE 5.0 & 6.0, Linux Fedora 8.0
Mechanical & Environment	
<b>Dimension</b>	115mm x 165mm (4.53" x 6.50")
<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	
<ul style="list-style-type: none"> <li>• 1 x AR-B5432</li> <li>• 1 x Driver CD</li> <li>• 1x User manual</li> </ul>	
Ordering Information	
<b>AR-B5432</b>	1 x AR-B5432
<b>Accessory</b>	ACC-5432: <ul style="list-style-type: none"> <li>• 1 x Power cable (AT)</li> <li>• 1 x SATA power cable</li> <li>• 1 x Audio cable</li> <li>• 1 x USB cable</li> <li>• 2 x COM cable (10-pin)</li> <li>• 2 x SATA cable</li> <li>• 1 x TV-Out cable (S-Video)</li> <li>• 1 x DVI cable</li> </ul>

**UNITRONIX Pty Ltd**  
 PO Box 486, Morisset NSW 2264  
**NSW:** Tel: 61 2 4977 3511 Fax: 61 2 4977 3522  
**WA:** Tel: 61 8 9455 2424 Fax: 61 8 9455 2458  
 unitsyd@unitronix.com.au www.unitronix.com.au