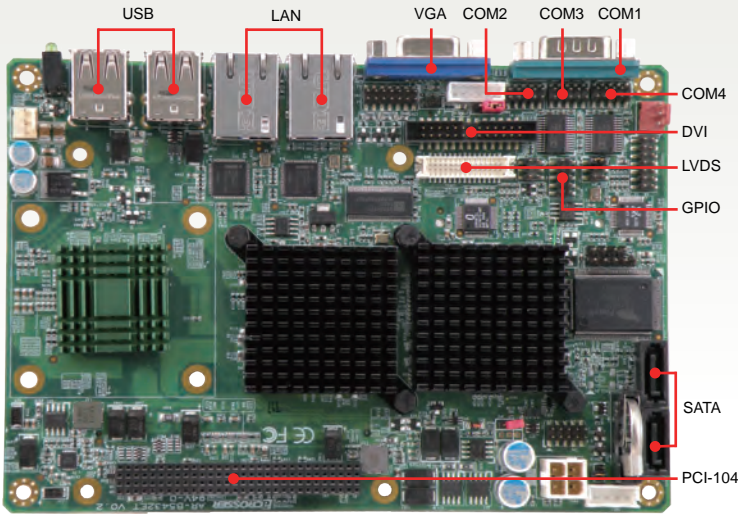


AR-B5432

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

Specification

System

CPU	Intel Atom N270 1.6GHz
Chipset	Intel 945GSE + Intel ICH7M
Front Side Bus	533MHz
Memory	1 x 200-pin SO-DIMM socket support 400/533MHz DDR2 SDRAM up to 2GB

Video

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

Storage

IDE	-
SATA	2 x SATA II port
CF	1 x Compact Flash Type I/II slot support UDMA 33
SD	-

I/O

Expansion Slot	1 x PCI-104 slot
Ethernet	2 x Gbps RJ45 with LED, Intel 82574L
Serial Port	3 x RS-232, 1 x RS-232/422/485 (1 x DB9, 3 x pin header)
USB	6 x USB2.0 (4 x external port, 2 x pin header)
GPIO	8-bit Digital I/O
Parallel Port	-
Audio	Realtek ALC655

Hardware Feature

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

Power Requirement

Power Input	12V (+/-5%) single voltage input
--------------------	----------------------------------

Software

OS Support	Windows XP/XP Embedded/CE 5.0 & 6.0, Linux Fedora 8.0
-------------------	---

Mechanical & Environment

Dimension	115mm x 165mm (4.53" x 6.50")
Operating Temp.	0~60°C (32~140°F)
Storage Temp.	-20~80°C (-4~176°F)
Relative Humidity	0 to 90% @ 40°C, non-condensing
Safety	CE, FCC class A

Packing List

- 1 x AR-B5432
- 1 x Driver CD
- 1x User manual

Ordering Information

AR-B5432	1 x AR-B5432
Accessory	ACC-5432: <ul style="list-style-type: none"> • 1 x Power cable (AT) • 1 x SATA power cable • 1 x Audio cable • 1 x USB cable • 2 x COM cable (10-pin) • 2 x SATA cable • 1 x TV-Out cable (S-Video) • 1 x DVI cable