



Features

- ✓ Intel Atom N450 1.66GHz
- ✓ Memory Support DDR2
400/533/667MHz up to 2GB
- ✓ VGA/LVDS
- ✓ 6 x USB2.0, 2 x COM, CF Socket,
PCI-104, miniPCle

Specification

System

CPU	Intel Atom N450 1.66GHz
Chipset	Intel ICH8M
Front Side Bus	667MHz
Memory	<ul style="list-style-type: none"> • 1 x 200-pin SO-DIMM socket support • 400/533/667MHz DDR2 SDRAM up to 2GB

Video

Graphic Controller	Intel Atom N450 intergrated
Video Memory	DVMT 3.0, Maximum 224MB shared
Video Interface	<ul style="list-style-type: none"> • 1 x VGA port (DB15) • 1 x 18-bit LVDS (Pin header)

Storage

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

I/O

Expansion Slot	<ul style="list-style-type: none"> • 1 x PCI-104 slot • 1 x miniPCle
Ethernet	2 x Gbps RJ45 with LED, Realtek RTL8111D
Serial Port	2 x RS-232 (2 x pin header)
USB	6 x USB2.0 (4 x external port, 2 x pin header)
GPIO	8-bit Digital I/O
Parallel Port	-
PS/2	-
Audio	Realtek ALC888 Audio Codec

Hardware Feature

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

Power Requirement

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

Software

OS Support	Windows XP/XP Embedded/CE 5.0 & 6.0, Linux kernel 2.6.31
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Mechanical & Environment

Dimension	146mm x 102mm (5.7" x 4")
Weight	-
Operating Temp.	0~60°C (32~140°F)
Storage Temp.	-20~80°C (-4~176°F)
Relative Humidity	0 to 95% @ 40 °C, non-condensing
Safety	CE, FCC class A

Packing List

- 1 x AR-B6050
- 1 x Driver CD
- 1 x User manual

Ordering Information

AR-B6050	1 x AR-B6050
Accessory	ACC-6050: <ul style="list-style-type: none"> • 1 x Power cable (ATX) • 1 x USB cable • 1 x COM cable