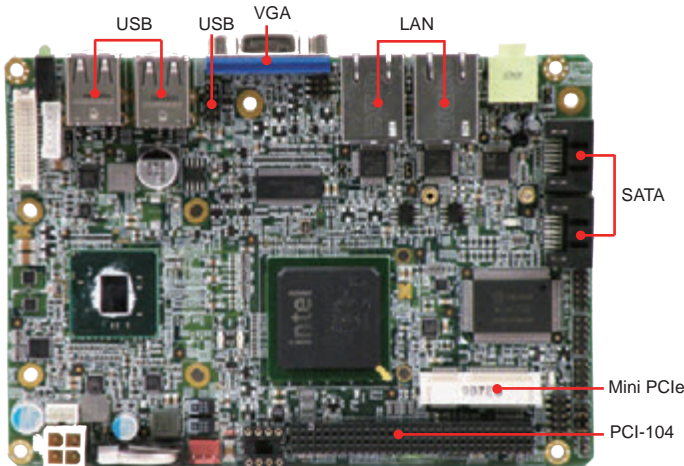


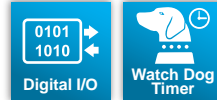
AR-B6050

3.5" Intel Atom N450 SBC



Features

- Medical Solution
- Intel Atom N450 1.66GHz
- Memory Support DDR2-400/533/667 up to 2GB
- VGA/LVDS
- 6 x USB 2.0, 2 x COM, CF Socket, PCI-104, Mini PCIe



EN60601

Specification

System

CPU	Intel Atom N450 1.66GHz
Chipset	Intel ICH8M
Front Side Bus	667MHz
Memory	1 x 200-pin SO-DIMM socket support DDR2-400/533/667 SDRAM up to 2GB
BIOS	Insyde
Hardware Monitoring	<ul style="list-style-type: none"> • CPU voltage and temperature • CPU and system fan speed
WatchDog Timer	Software programmable 1~255 sec.

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

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

I/O

Ethernet	2 x GbE RJ45 with LED, Realtek RTL8111D
Expansion Slot	<ul style="list-style-type: none"> • 1 x PCI-104 slot • 1 x Mini PCIe
Serial Port	2 x RS-232 (2 x pin header)
USB	6 x USB 2.0 (4 x external port, 2 x pin header)
GPIO	8-bit Digital I/O
Audio	Realtek Audio Codec

Power Requirement

Power Input	12V (+/-5%) single voltage input
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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")
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 compliant, meet EN60601

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 USB cable • 1 x COM cable

Dimension

