



## Features

- ✓ RDC R8610 486 133MHz CPU
- ✓ Fanless Design
- ✓ Onboard SDRAM 64MB
- ✓ PC/104 and PCI-104 Expansion
- ✓ 10/100 LAN
- ✓ 8-bit Digital I/O
- ✓ 2 x USB2.0, 3 x COM

## SPECIFICATION

### System

<b>CPU</b>	RDC R8610 486 133MHz, 16KB L1 cache
<b>Chipset</b>	RDC R8610
<b>Memory</b>	Onboard 64MB SDRAM
<b>Battery</b>	Lithium button cell battery, 3V 220mAH, with battery holder
<b>BIOS</b>	AMI
<b>WatchDog Timer</b>	Software programmable 1~255 sec.

### Ethernet

<b>Controller</b>	10/100Mbps LAN (RDC R8610)
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### Storage

<b>IDE</b>	1 x IDE (44-pin) support ATA33
<b>SSD</b>	One CF adapter space (AR-B9462C) Onboard 128MB NAND Flash (IDE)
<b>FDD</b>	1 x FDD

### I/O

<b>Serial Port</b>	1 x RS-232, 2 x RS-232/485 (3 x onboard pin header)
<b>USB Port</b>	2 x USB2.0 (2 x onboard pin header)
<b>GPIO</b>	8-bit Digital I/O
<b>Keyboard/Mouse</b>	PS/2 keyboard and mouse pin header
<b>Expansion Slot</b>	1 x PC/104 1 x PCI-104 slot

### Mechanical & Environment

<b>Dimension</b>	90mm x 96mm
<b>Power Requirement</b>	DC 5V single power for AR-B8020 12V for PC/104 slot
<b>Power Consumption</b>	5V/1A
<b>Operating Temp.</b>	0~60°C (32~140°F)
<b>Storage Temp.</b>	-20~80°C (-4~176°F)
<b>Relative Humidity</b>	5 to 90% @ 40°C, non-condensing
<b>Safety</b>	CE FCC class A

### Packing List

1. AR-B8020 x 1
2. Quick manual x 1
3. Driver CD x 1

### Ordering Information

<b>AR-B9475 (Optional)</b>	PCI-104 to PCI riser card
<b>ACC-8020 (Optional)</b>	1. LAN cable + RJ45 connector x 1 2. PS/2 keyboard and mouse cable x 1 3. HDD cable x 1 4. USB cable x 1 5. FDD cable x 1 6. Power cable (AT) x 1 7. COM cable (DB9) x 3