

# MaxR-900 miniPCI User's Manual

## 1. Product Overview

The MaxR-900 series PCI adapter cards contain a Atheros AR5414 chip for IEEE 802.11a/b/g Wireless LAN applications. It is based on the latest industry standard Wi-Fi Certified IEEE 802.11 b/g specifications. The mini PCI adapter cards support key security features like Wi-Fi Protected Access (WPA), WPA2, WEP and 802.1x. Typical application of the card is integration into other wireless products such as the notebook computers or any other devices containing Mini PCI socket.

## 2. Packaging Contents

The mini PCI card package contains the following item(s):

1 x Wireless Mini PCI Adapter

## 3. Installation guide

- Shut down the power of the platform.
- Align the PCI adapter with the Mini PCI socket on the platform.
- Adjust and push down the PCI adapter gently until the metal locking levers on the Mini PCI socket is latched. (Please take note that the PCI adapter can only fit in one direction due to the keyed notch. Wrong orientation will cause improper installation and may damage the Mini PCI socket ! ).
- Connect the antenna(s) on the mini PCI module.
- Reboot on the platform.
- Install drivers if necessary.

## 4. Frequency : 902 ~ 928 MHz

## 5. Electro-Magnetic Interference:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by tuning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the distance between the equipment and the receiver.

- Connect the equipment to outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment. This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions

- (1) This device may not cause harmful interference and
- (2) This device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## 6. Radio Frequency Radiation.

To comply with FCC RF exposure compliance requirements, a separation distance of at least 25 cm must be maintained between the antenna of this device and all persons. This device must not be co-located or operating in conjunction with any other antenna or transmitter.

OEM integrator has to be aware not to provide information to the end user regarding how to install or remove this RF module in the user manual of the end product. The user manual which is provided by OEM integrators for end users must include the following information in a prominent location. "To comply with FCC RF exposure compliance requirements, the antenna used for this transmitter must be installed to provide a separation distance of at least 25 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter

## 7. Label for end product must include

- " Contains FCC ID: XZB-MAXR900" or
- " A RF transmitter inside, FCC ID: XZB-MAXR900".