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 the 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 and, if not installed and used in accordance with the instructions, 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 turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

   - Reorient or relocate the receiving antenna

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

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this 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.

6. Radio Frequency Radiation

To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 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.

This module is intended for OEM integrator. The OEM integrator is still responsible for the FCC compliance requirement of the end product, which integrates this module.

20cm minimum distance has to be able to be maintained between the antenna and the users for the host this module is integrated into. Under such configuration, the FCC radiation exposure limits set forth for a population/uncontrolled environment can be satisfied.

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment.

7. Label for end product must include

"Contains FCC ID: XZB-MAXR900-2" or
"A RF transmitter inside, FCC ID: XZB-MAXR900-2"