miniPCI Manual

1. Product Overview

This JA25MP series PCI adapter contains a Atheros AR5413/4 chip for IEEE 802.11a/b/g Wireless LAN.

Based on the latest industry standard Wi-Fi Certified IEEE 802.11a or b/g specifications, the mini PCI

adapter supports key security features like Wi-Fi Protected Access (WPA), WPA2, WEP and 802.1x.

You can find this miniPCI module that is seated inside the wireless products such as the notebook

computers or any other devices containing Mini PCI socket.

2. Packaging Contents

The mini PCI module package contains the following item(s): 1 x Wireless Mini PCI adapter

3. Installation guide

    Shut down the power of the device.

    Align the PCI adapter to the Mini PCI socket.

    Adjust and push down the PCI adapter gently until the metallocking levers aside from the Mini

PCI socket is fastened. (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.

    Turn on the device could work properly.

FCC:802.11bg frequency : 2400 ~ 2483.5 MHz

        802..11 a DTS frequecy : 5725 ~ 5850MHz

CE: 802.11bg frequency : 2400 ~ 2483.5 MHz

        802.11a 5150~ 5250 MHz

        Other frequency bands are all controlled with firmware

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.

Caution: Exposure to 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

The 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 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. If the end product integrating this module is going to be operated in 5.15 ~5.25GHz frequency range, the warning statement in the user manual of the end product should

include the restriction of operating this device in indoor could void the user's authority to operate the equipment."

Label for end product must include " Contains FCC ID: W23-JA25MPX" or " A RF transmitter inside, FCC ID: W23-JA25MPX".