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LICAEVEY AR5B95

LICAEVEY AR5B95 Mini PCI-E Wireless Network Card User Manual

Model: AR5B95

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your LICAEVEY AR5B95 Mini PCI-E Wireless Network Card. This adapter is designed to provide wireless connectivity for compatible laptops, supporting 802.11b/g/n standards with speeds up to 150Mbps on the 2.4GHz frequency band. Please read this manual thoroughly before installation to ensure proper setup and optimal performance.

PRODUCT OVERVIEW

The AR5B95 is a semi-mini PCI-E wireless network card based on the Atheros AR9285 single-chip solution. It offers reliable wireless data transfer rates and is backward compatible with 802.11g and forward compatible with 802.11n standards.



Image: Top view of the LICAEEVEY AR5B95 Mini PCI-E Wireless Network Card, showing the Atheros AR5B95 chip and regulatory markings.

SPECIFICATIONS

Feature	Detail
Model	AR5B95
Standard	802.11b/g/n
Speed	Up to 150Mbps
Frequency	2.4GHz
Interface	Mini PCI-E (Half-Mini Card)
Supported OS	For Windows XP / Vista / 7
Dimensions	2.36 x 1.57 x 0.39 inches (Package)
Item Weight	0.212 ounces
Item Model Number	LICAEEVEYg7f48hxzcq

MAC Address	1C659DC3CF21
Control Tag (CT)	GBEPN0B95ZQ63H

COMPATIBILITY

This wireless network card is primarily designed for specific laptop models. Please verify your laptop's compatibility before installation.

Compatible Laptop Series:

- **For Lenovo G Series:** G455, G455A, G460, G465, G470, G475, G480, G485, G555, G560, G580, G585, G780
- **For Lenovo B Series:** B460, B460C, B470, B560C
- **For Lenovo V Series:** V360, V460, V560
- **For Lenovo Ideapad Series:** Y460, Y470, Y470n, Y560, Y550, Y550P, Y560, Y580, U460, Z370, Z460, Z465, Z560, Z565, E47, E46, E46a, E46g, E46L, K27

Note: This card is generally suitable for laptops that support a Mini PCI-E interface and are compatible with the Atheros AR9285 chipset. It is not universally compatible with all laptop brands or models, especially those with BIOS whitelists.

PACKAGE CONTENTS

Upon opening the package, please ensure all items are present and undamaged.

- 1 x Wireless Network Card (AR5B95)
- 2 x Mounting Screws



Image: The AR5B95 wireless network card shown alongside two small mounting screws, indicating the complete package contents.

SETUP AND INSTALLATION

Installing the Mini PCI-E Wireless Network Card requires opening your laptop. If you are uncomfortable with this process, please seek professional assistance.

Required Tools:

- Small Phillips head screwdriver
- Anti-static wrist strap (recommended)

Installation Steps:

1. **Power Off and Disconnect:** Completely shut down your laptop and disconnect it from the power adapter. Remove the battery.
2. **Access the Mini PCI-E Slot:** Carefully open the laptop's back panel or access cover to locate the Mini PCI-E slot. This location varies by laptop model. Refer to your laptop's service manual for precise instructions.
3. **Remove Old Card (if applicable):** If replacing an existing wireless card, gently disconnect any antenna cables attached to it. Unscrew the retaining screw(s) and carefully slide the old card out of the slot.
4. **Insert New Card:** Align the notches on the AR5B95 wireless card with the key in the Mini PCI-E slot. Gently push the card into the slot at an angle (approximately 30 degrees) until it is fully seated.
5. **Secure the Card:** Push the card down until it lies flat. Secure it with the provided mounting screw(s).
6. **Connect Antennas:** Carefully connect the antenna cables (usually black and white) to the corresponding connectors on the AR5B95 card. Ensure a snug fit.
7. **Reassemble Laptop:** Replace the laptop's back panel or access cover, reinsert the battery, and reconnect the power adapter.
8. **Install Drivers:** Power on your laptop. Windows 7 may automatically install drivers. If not, you may need to download the appropriate Atheros AR9285 drivers from your laptop manufacturer's website or a reliable driver source.



Image: Bottom view of the AR5B95 card, showing the gold-plated PCI-E contacts and a label with MAC address and other identifiers.

OPERATING INSTRUCTIONS

Once the AR5B95 wireless network card is successfully installed and drivers are loaded, your laptop should detect available Wi-Fi networks.

1. **Enable Wi-Fi:** Ensure your laptop's Wi-Fi function is enabled (often via a physical switch or keyboard shortcut).
2. **Connect to Network:**
 - Click on the network icon in your system tray (bottom right corner of the screen).
 - Select your desired Wi-Fi network from the list.
 - Click "Connect" and enter the network security key (password) if prompted.
3. **Verify Connection:** Once connected, the network icon should indicate an active internet connection. You can test by opening a web browser.

MAINTENANCE

The AR5B95 wireless network card is a low-maintenance component. No regular user maintenance is required.

- **Keep Drivers Updated:** Periodically check for updated drivers from your laptop manufacturer or Atheros to ensure optimal performance and security.
- **Physical Care:** Avoid exposing the card to extreme temperatures, moisture, or physical impact.

TROUBLESHOOTING

If you encounter issues with your wireless network card, refer to the following common solutions:

Issue: Wi-Fi not detected after installation.

Solution:

- Ensure the card is properly seated in the Mini PCI-E slot.
- Verify antenna cables are securely connected.
- Check Device Manager in Windows to see if the card is recognized (look for "Network adapters"). If there's a yellow exclamation mark, drivers may be missing or corrupted.
- Install or reinstall the correct drivers for the Atheros AR9285 chipset.
- Check your laptop's BIOS settings to ensure the wireless card is enabled. Some laptops have a BIOS whitelist that may prevent unrecognized cards from functioning.

Issue: Cannot connect to Wi-Fi networks or slow speeds.

Solution:

- Ensure your Wi-Fi router is powered on and functioning correctly.
- Verify you are entering the correct Wi-Fi password.
- Move closer to the Wi-Fi router to improve signal strength.
- Restart your laptop and Wi-Fi router.
- Update the wireless card drivers.
- Check for interference from other 2.4GHz devices (e.g., cordless phones, microwaves).

Issue: Intermittent connection drops.

Solution:

- Ensure antenna connections are secure.
- Update wireless card drivers.
- Check for firmware updates for your Wi-Fi router.
- Adjust power management settings for the wireless adapter in Device Manager to prevent it from turning off to save power.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the retailer or manufacturer's official website where you purchased this product. Keep your proof of purchase for warranty claims.

Manufacturer: LICAEEVEY

ASIN: B0DWMNMLKW

Item Model Number: LICAEEVEYg7f48hxzcq

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