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Panda Wireless PAU03

Panda Wireless Ultra WiFi 150Mbps Wireless-N 2.4GHz USB Adapter (Model PAU03) Instruction Manual

Your guide to installation, operation, and maintenance.

1. INTRODUCTION

This manual provides comprehensive instructions for the Panda Wireless Ultra WiFi 150Mbps Wireless-N 2.4GHz USB Adapter, Model PAU03. This device allows your computer to connect to a wireless network at speeds up to 150Mbps, operating on the 2.4GHz frequency band. It is designed for ease of use and broad compatibility with various operating systems.



Image 1.1: The Panda Wireless Ultra WiFi 150Mbps Wireless-N 2.4GHz USB Adapter (Model PAU03).

2. PRODUCT OVERVIEW

The Panda Wireless PAU03 is a compact USB wireless adapter, designed for portability and minimal protrusion when plugged into a laptop or desktop computer. Its small form factor makes it ideal for users who require a discreet and efficient wireless solution.



Image 2.1: Size comparison of the Panda Wireless USB Adapter with a US quarter.



Image 2.2: The Panda Wireless USB Adapter installed in a laptop's USB port, showing its compact design.

3. KEY FEATURES

- Compatible with any 2.4GHz wireless g/n routers.
- Maximum wireless connection speed: 150Mbps.
- Supports both infrastructure and ad-hoc modes.
- Multi-OS support: Windows 7/8/10/11, Zorin, Ubuntu, Mint, Fedora, openSUSE, Lubuntu, Kubuntu, Kali Linux, and Raspbian.
- Security protocols: WEP 64/128bit, WPA, WPA2.

4. SYSTEM REQUIREMENTS

To use the Panda Wireless PAU03 adapter, your computer must meet the following requirements:

- An available USB port.
- One of the following operating systems:
 - Windows XP/Vista/7/8/8.1/10/11
 - Mac OS X 10.4 - 10.10
 - Linux Mint 14/15/16/17/17.1
 - Ubuntu 12.04/12.10/13.04/13.10/14.04/14.10
 - Fedora 17/18/19/20/21
 - openSUSE 12.1/12.2/12.3/13.1
 - Puppy Linux 5.5/5.6/5.7
 - Zorin 6.4/8.1/9.1

- Backtrack5 R3 & Kali Linux
- Raspbian Wheezy and OpenELEC for Raspberry Pi 1/Pi 2



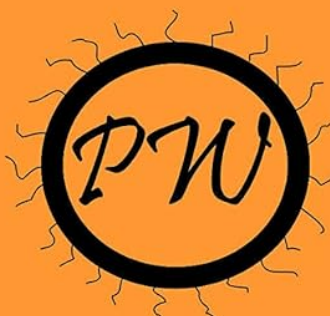
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Panda Ultra 150Mbps Wireless N USB Adapter

This adapter is compatible with the following operating systems:

- 1) Windows XP/Vista/7/8/8.1/10**
- 2) Mac OS X 10.4 – 10.10**
- 3) Linux Mint 14/15/16/17/17.1**
- 4) Ubuntu
12.04/12.10/13.04/13.10/14.04/14.10**
- 5) Fedora 17/18/19/20/21**
- 6) openSUSE 12.1/12.2/12.3/13.1**
- 7) Puppy Linux 5.5/5.6/5.7**
- 8) Zorin 6.4/8.1/9.1**
- 9) Backtrack5 R3 & Kali Linux**
- 10) Raspbian Wheezy and OpenELEC
for Raspberry Pi 1/Pi 2**

Please contact Panda Wireless for details. The above information is subject to change without notice.



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5. SETUP AND INSTALLATION

Follow these steps to install your Panda Wireless USB Adapter:

1. **Insert the Adapter:** Plug the Panda Wireless USB Adapter into an available USB port on your computer.
2. **Driver Installation:**
 - **Windows (7/8/10/11):** In most cases, Windows will automatically detect the adapter and install the necessary drivers. Wait for the installation to complete. If drivers are not installed automatically, you may need to download them from the Panda Wireless website.
 - **Linux (Ubuntu, Mint, Fedora, Kali, Raspbian, etc.):** Driver installation for Linux distributions can vary. Some distributions may include the necessary drivers by default, allowing for plug-and-play operation. For others, you may need to download and compile drivers from the Panda Wireless support website. Refer to the specific instructions for your Linux distribution if automatic installation does not occur.
 - **Mac OS X:** Drivers may need to be downloaded and installed manually from the Panda Wireless website for compatible Mac OS X versions.
3. **Verification:** Once the drivers are installed, the adapter should be recognized by your operating system as a wireless network device. A small LED indicator on the adapter may light up or blink, indicating activity.

6. OPERATING INSTRUCTIONS

After successful installation, you can connect to a wireless network:

1. **Access Network Settings:** Open your computer's network settings or Wi-Fi utility.
2. **Scan for Networks:** The adapter will scan for available wireless networks in your vicinity.
3. **Select Network:** Choose your desired Wi-Fi network from the list.
4. **Enter Password:** If the network is secured, enter the Wi-Fi password (security key) when prompted.
5. **Connect:** Click 'Connect' to establish a wireless connection. Once connected, you should have internet access.

7. MAINTENANCE

To ensure optimal performance and longevity of your Panda Wireless USB Adapter:

- Keep the adapter clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the adapter to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the adapter yourself, as this will void the warranty.
- Remove the adapter carefully from the USB port to prevent damage to the connector.

8. TROUBLESHOOTING

If you encounter issues with your adapter, try the following solutions:

- **Adapter Not Detected:**
 - Try plugging the adapter into a different USB port.
 - Restart your computer.
 - Ensure drivers are correctly installed. Check Device Manager (Windows) or equivalent system

information (Linux/Mac) for the adapter.

- **Cannot Connect to Wi-Fi:**

- Verify that your Wi-Fi router is powered on and broadcasting a signal.
- Double-check the Wi-Fi password.
- Move closer to the Wi-Fi router to improve signal strength.
- Restart your Wi-Fi router.

- **Slow Connection Speed:**

- Ensure you are within optimal range of your Wi-Fi router.
- Check for interference from other electronic devices.
- Update your adapter's drivers to the latest version.
- Verify your internet service provider's speed.

9. SPECIFICATIONS

The following table details the specifications for the Panda Wireless Ultra WiFi 150Mbps Wireless-N 2.4GHz USB Adapter (Model PAU03):

Feature	Specification (Model PAU03)
Model	PAU03
Frequency Band	2.4GHz
IEEE Standard	802.11n
Windows Version Support	XP, Vista, 7, 8, 10, 11
Linux Version Support	3.0 or higher
Range	Short
Detachable Antenna	No
Dimensions (in mm)	24 x 14 x 7
Hardware Interface	USB
Data Transfer Rate	150 Megabits Per Second
Item Weight	0.05 Pounds

Panda Wireless USB Adapters With Antenna(s)

Model	PAU04	PAU06	PAU09	PAU0B	PAU0D
Frequency Band	2.4GHZ	2.4GHz	2.4GHz&5GHz	2.4GHz&5GHz	2.4GHz&5GHz
IEEE Standard	802.11n	802.11n	802.11n	802.11ac	802.11ac
Windows version	XP, Vista, 7, 8, 10, 11	XP, Vista, 7, 8, 10, 11	7, 8, 10,11	7, 8, 10, 11	7, 8, 10, 11
Linux version	3.0 or higher	3.0 or higher	3.0 or higher	5.0 or higher	5.0 or higher
Range	Medium	Medium	Long	Long	long
Detachable Ant	No	Yes	Yes	Yes	Yes
Dimensions (in mm)	49 x 16 x 8	63 x 21 x 11	76 x 26 x 11	59 x 21 x 10	76 x 26 x 11

Panda Wireless USB Adapters Without Antenna

Model	PAU03	PAU05	PAU07	PAU0A	PAU0C
Frequency Band	2.4GHZ	2.4GHz	2.4GHz&5GHz	2.4GHz&5GHz	2.4GHz&5GHz
IEEE Standard	802.11n	802.11n	802.11n	802.11n	802.11ac
Windows version	XP, Vista, 7, 8, 10, 11	XP, Vista, 7, 8, 10, 11	7, 8, 10,11	7, 8, 10,11	7, 8, 10, 11
Linux version	3.0 or higher	3.0 or higher	3.0 or higher	5.0 or higher	5.0 or higher
Range	Short	Short	Short	Short	Short - Medium
Dimensions (in mm)	24 x 14 x 7	45 x 20 x 8	66 x 23 x 9	30 x 16 x 7	75 x 26 x 11

Please send an email to support@pandawireless.com for help.

Image 9.1: Comparison table of Panda Wireless USB Adapters, including Model PAU03.

10. WARRANTY INFORMATION

The Panda Wireless Ultra WiFi 150Mbps Wireless-N 2.4GHz USB Adapter (Model PAU03) comes with a **1-Year Limited Warranty**. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the official Panda Wireless website or contact customer support.



Image 10.1: Product packaging indicating Model No. PAU03 and 1-Year Limited Warranty.

11. SUPPORT

For further assistance, technical support, or warranty inquiries, please contact Panda Wireless customer support:

- **Email:** support@pandawireless.com

Additional resources and driver downloads may be available on the official Panda Wireless website.