

MERCUSYS MW150US

Mercusys MW150US N150 Wireless Nano USB Adapter User Manual

Model: MW150US

INTRODUCTION

The Mercusys MW150US N150 Wireless Nano USB Adapter is a compact and convenient device designed to provide wireless internet connectivity to your desktop or laptop computer. With wireless speeds of up to 150 Mbps, it is suitable for essential internet activities such as web browsing, email, and stable online communication. Its miniature design allows it to remain connected to a USB port without obstruction.

This adapter also features a Soft AP function, enabling your computer to act as a Wi-Fi hotspot, sharing its wired internet connection with other wireless devices like smartphones and tablets.



150 Mbps on 2.4 GH



Video



Voice



Game

Image: The Mercusys MW150US N150 Wireless Nano USB Adapter, a compact device for wireless connectivity.

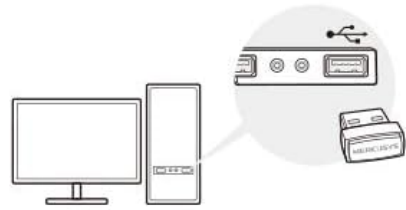
SETUP GUIDE

Follow these steps to install and set up your Mercusys MW150US N150 Wireless Nano USB Adapter:

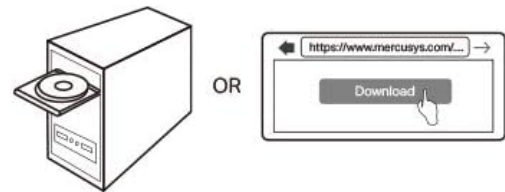
- 1. Insert the Adapter:** Carefully insert the MW150US adapter into an available USB port on your computer.
- 2. Install Drivers:**
 - **Using the included CD:** Insert the driver CD into your computer's CD-ROM drive and follow the on-screen instructions to install the necessary drivers.
 - **Downloading from Mercusys website:** If your computer does not have a CD-ROM drive, or if you prefer the latest drivers, visit the official Mercusys website (e.g., www.mercusys.com/en/download/MW150US) to download the drivers for your specific operating system.
 - *Note for Windows 10 users:* In many cases, Windows 10 may automatically install the necessary drivers upon insertion, making manual installation unnecessary.
- 3. Connect to a Network:** After driver installation, your computer should detect available Wi-Fi networks. Select your desired network from the list and enter the password to connect.

Easy Set Up

- 1 Insert the adapter into a USB port on your computer directly



- 2 Install the software with the include CD or download from <http://www.mercusys.com/en/download/MW150US>



- 3 Scan for the available networks and connect to finish the installation



Image: Visual guide for the three easy setup steps: insert, install software, and connect to Wi-Fi.

Operating System

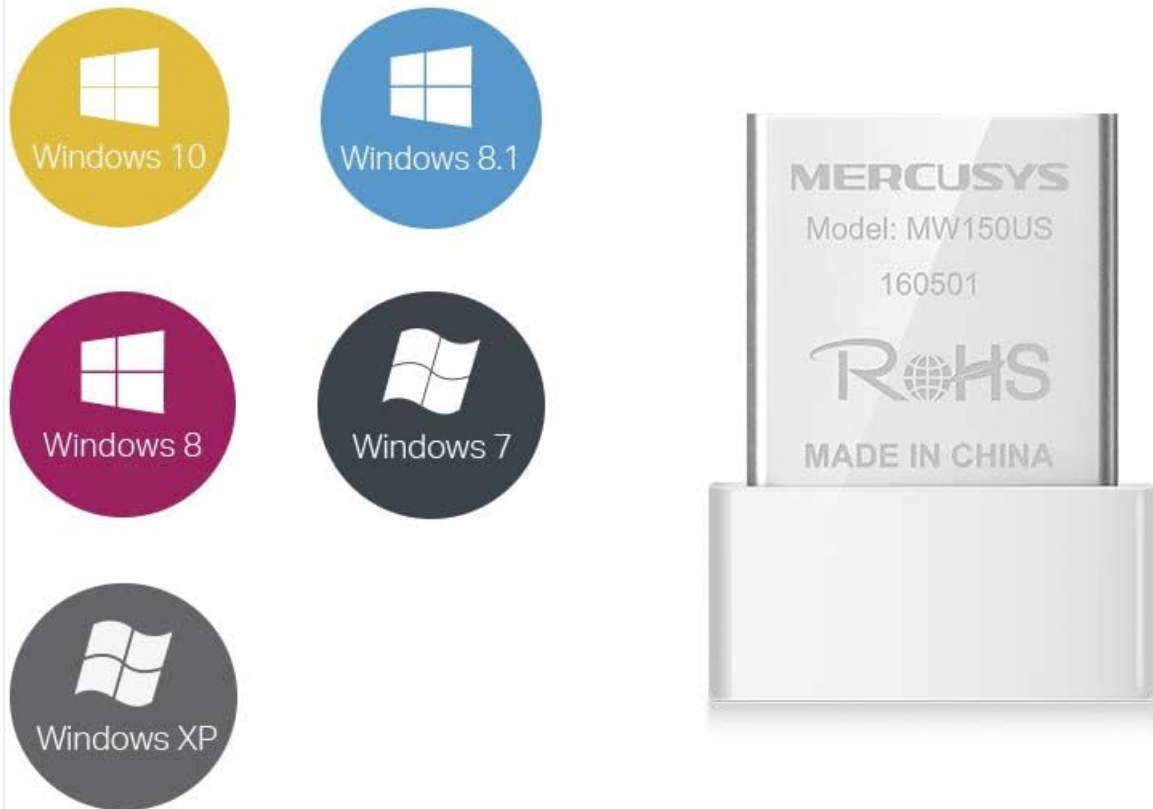


Image: The Mercusys MW150US adapter is compatible with Windows 10, 8.1, 8, 7, and XP.

OPERATING INSTRUCTIONS

Connecting to a Wi-Fi Network

Once the adapter is installed and drivers are loaded, you can connect to any available Wi-Fi network.

1. Click on the Wi-Fi icon in your computer's system tray (usually in the bottom-right corner for Windows).
2. A list of available wireless networks will appear. Select the name (SSID) of your desired network.
3. Click "Connect" and enter the network's security key or password when prompted.
4. Once connected, the Wi-Fi icon will indicate a successful connection, and you can access the internet.

Using Soft AP Function (Wi-Fi Hotspot)

The Soft AP function allows your computer to share its wired internet connection wirelessly. This feature requires your computer to have a wired internet connection.

1. Ensure your computer is connected to the internet via an Ethernet cable.
2. Open the Mercusys utility software (usually installed with the drivers).
3. Locate and enable the "Soft AP" or "Hotspot" function within the utility.
4. Configure the hotspot's name (SSID) and password.

5. Other wireless devices can now connect to your computer's Wi-Fi hotspot using the configured SSID and password.

MAINTENANCE

The Mercusys MW150US adapter is designed for durability and requires minimal maintenance.

- **Keep Clean:** Periodically wipe the adapter with a soft, dry cloth to remove dust. Avoid using liquid cleaners.
- **Protect from Damage:** While its nano size is convenient, avoid bending or applying excessive force to the adapter when it's plugged into a USB port.
- **Storage:** When not in use, store the adapter in a clean, dry place away from extreme temperatures.

Miniature Design Makes It Easy to Take



TROUBLESHOOTING

If you encounter issues with your Mercusys MW150US adapter, refer to the following common solutions:

- **Adapter Not Detected:**
 - Ensure the adapter is fully inserted into a working USB port. Try a different USB port.
 - Verify that the drivers are correctly installed. Check Device Manager (Windows) for any yellow exclamation marks next to the network adapter. Reinstall drivers if necessary.
 - Restart your computer.
- **Cannot Connect to Wi-Fi Network:**
 - Double-check the Wi-Fi password.
 - Ensure your Wi-Fi router is powered on and broadcasting a signal.
 - Move closer to the Wi-Fi router to improve signal strength.
 - Restart your Wi-Fi router and your computer.
- **Slow Internet Speed:**
 - Ensure you are within a reasonable range of your Wi-Fi router.
 - Check for potential interference from other electronic devices (e.g., microwaves, cordless phones).
 - Verify that your internet service provider (ISP) is delivering the expected speed.
 - Update the adapter's drivers to the latest version from the Mercusys website.

SPECIFICATIONS

Brand	MERCUSYS
Model Number	MW150US
Hardware Interface	USB
Data Transfer Rate	150 Mbps
Compatible Devices	Desktop, Laptop, Smartphone (for Soft AP)
Compatible Operating Systems	Windows (XP, 7, 8, 8.1, 10)
Item Weight	50 Grams
Color	Red

WARRANTY INFORMATION

The Mercusys MW150US N150 Wireless Nano USB Adapter comes with a **4-year warranty** directly from the manufacturer. Please retain your proof of purchase for warranty claims.

SUPPORT

For technical assistance, driver downloads, or warranty inquiries, please contact Mercusys customer

support directly. Support services are provided by the manufacturer.

You can typically find contact information and support resources on the official Mercusys website:

www.mercusys.com.