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› TP-Link TL-WN725N N150 Wireless Nano USB Adapter User Manual

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Model: TL-WN725N

INTRODUCTION

The TP-Link TL-WN725N N150 Wireless Nano USB Adapter is designed to provide a fast and reliable wireless connection for your desktop or laptop computer. Its compact, nano-sized design allows it to be plugged into a USB port and left there, making it ideal for portable use. This adapter supports wireless speeds of up to 150 Mbps, suitable for smooth video streaming and internet calls. It operates on the 2.4GHz frequency band, ensuring broad compatibility and coverage within your home or office environment.

PACKAGE CONTENTS

Verify that all items are present in your package:

- TP-Link TL-WN725N Wireless N Nano USB Adapter
- Resource CD (includes drivers and utility)
- Quick Installation Guide



Image: The retail box for the TP-Link TL-WN725N adapter, showing the product name and key features.

PRODUCT OVERVIEW

The TL-WN725N is designed for minimal intrusion and maximum portability. Its nano size means it can remain plugged into a USB port without obstructing adjacent ports or being easily damaged during transport.



Image: A close-up front view of the TP-Link TL-WN725N Nano USB Adapter, highlighting its compact size and gold-colored USB connector with model number and compliance markings.



Image: An angled view of the TP-Link TL-WN725N Nano USB Adapter, showing its small black casing and the gold USB connector with the TP-Link logo visible on the side.

Key features include:

- **Nano Design:** Extremely small form factor, ideal for leaving plugged in.
- **Wireless N Speed:** Up to 150 Mbps for smooth online activities.
- **2.4GHz Band:** Provides stable and wide-ranging Wi-Fi coverage.
- **Advanced Security:** Supports 64/128 WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES), and IEEE 802.1x for secure connections.



Easy Setup

A friendly user interface for simple installation.



Advanced Security

WPA/WPA2 encryption standards ensure your wireless connection is safe from intruders.



Operating System

Supports operating systems include Windows 10/8.1/8/7/Vista/XP, Mac OS.

Image: Graphic illustrating key features: Easy Setup (gear icon), Advanced Security (padlock icon), and Operating System compatibility (document and gear icon).

SETUP

Follow these steps to install your TP-Link TL-WN725N adapter:

1. **Insert the Adapter:** Plug the TL-WN725N adapter into an available USB port on your computer. Ensure it is fully seated.



Image: The nano USB Wi-Fi adapter plugged into the side USB port of a laptop, with a green indicator light visible, signifying active connection.

2. Install Drivers:

- **Using the Resource CD:** Insert the provided Resource CD into your computer's CD/DVD drive. Follow the on-screen instructions to install the drivers and utility.
- **Downloading Drivers Online:** If your computer does not have a CD/DVD drive, or if you prefer the latest version, visit the official TP-Link website (tp-link.com/us/support/download/tl-wn725n/) to download the most current drivers for your operating system.

3. **Connect to Wi-Fi:** Once the drivers are installed, your computer should detect available wireless networks. Select your desired network and enter the password if prompted.

Note: Driver installation may be required for proper functionality. The TL-WN725N is compatible with Windows (XP/7/8/8.1/10/11), Mac OS (10.9 - 10.15), and Linux Kernel (2.6.18 - 4.4.3).

OPERATING

After successful installation, the TL-WN725N operates as your computer's primary Wi-Fi interface. It will automatically connect to known networks or allow you to select new ones through your operating system's network settings.

- **Wireless Modes:** Supports both Ad-Hoc and Infrastructure modes.
- **Signal Strength:** The adapter provides a stable 2.4GHz signal, enhancing Wi-Fi coverage throughout your space.
- **Compatibility Note:** Please be aware that the TL-WN725N is a 2.4GHz-only device and does not support 5GHz Wi-Fi bands.



Image: The compact TP-Link TL-WN725N adapter placed on a dark surface next to a black notebook and an envelope, emphasizing its small and unobtrusive design.

MAINTENANCE

To ensure optimal performance and longevity of your TL-WN725N adapter:

- Keep the adapter clean and free from dust.
- Avoid exposing the adapter to extreme temperatures or humidity.
- Periodically check the TP-Link website for updated drivers to ensure compatibility and performance improvements, especially after operating system updates.
- Handle the adapter by its plastic casing, not the metal USB connector, to prevent damage.

TROUBLESHOOTING

If you encounter issues with your TL-WN725N adapter, consider the following common solutions:

- **Adapter Not Detected:**
 - Try plugging the adapter into a different USB port.
 - Restart your computer.
 - Ensure drivers are correctly installed. Reinstall them if necessary.
- **Cannot Connect to Wi-Fi:**
 - Verify that your Wi-Fi network is active and broadcasting.
 - Double-check the Wi-Fi password.
 - Ensure your router is operating on the 2.4GHz band, as this adapter does not support 5GHz.
 - Move closer to your wireless router to improve signal strength.
- **Slow Connection Speed:**
 - Check for interference from other electronic devices (e.g., microwaves, cordless phones).
 - Ensure your router's firmware is up to date.
 - Confirm that your internet service provider is delivering the expected speeds.

For more detailed troubleshooting, refer to the official TP-Link support website or the full user manual available for download.

SPECIFICATIONS

Feature	Detail
Model Number	TL-WN725N
Interface	USB 2.0
Dimensions (W x D x H)	0.73 x 0.58 x 0.27 inches (18.6 x 14.7 x 6.85 mm)
Wireless Standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Frequency	2.400-2.4835GHz
Signal Rate	Up to 150 Mbps
Wireless Security	64/128 WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES), IEEE 802.1x
System Requirements	Windows (XP/7/8/8.1/10/11), Mac OS X (10.9~10.15), Linux Kernel (2.6.18 - 4.4.3)

WARRANTY AND SUPPORT

TP-Link provides industry-leading support for the TL-WN725N adapter.

- **Warranty:** This product comes with a 2-year warranty.
- **Technical Support:** Free 24/7 technical support is available.
- **Online Resources:** For additional support, FAQs, and driver downloads, please visit the official TP-Link support website:tp-link.com/us/support/
- **Legal Disclaimer:** Maximum wireless signal rates are physical rates. Actual data throughput and coverage may vary due to environmental factors, network conditions, and client limitations. Driver updates may be required for OS compatibility.

