EDUP EP8568

EDUP USB Bluetooth WiFi Adapter User Manual

Model: EP8568
Brand: EDUP

1. INTRODUCTION AND OVERVIEW

The EDUP USB Bluetooth WiFi Adapter (Model EP8568) is a versatile device designed to provide both Wi-Fi and Bluetooth connectivity to your desktop or laptop computer. This compact adapter enhances your system's wireless capabilities, offering high-speed internet access and seamless connection to various Bluetooth devices.

Image 1.1: The EDUP USB Bluetooth WiFi Adapter, a compact device for wireless connectivity.

Key Features:

- **High-Speed Wi-Fi:** Utilizes 802.11N technology to deliver Wi-Fi speeds up to 150Mbps on the 2.4GHz band, ideal for online gaming and HD video streaming.

- **Bluetooth 4.0 Connectivity:** Provides a stable Bluetooth connection with a range of up to 10 meters (32.8ft), supporting simultaneous connection of up to 7 Bluetooth devices.
- **Soft-AP Feature:** Allows you to share your internet connection with other devices, turning your computer into a Wi-Fi hotspot.
- **Enhanced Coverage:** Equipped with the RTL8723BU chipset for reliable and extended 2.4GHz Wi-Fi coverage.
- **Wide OS Compatibility:** Fully compatible with Windows 11, 10, 7, 8, and 8.1.
- **Miniature Design:** Compact "plug and forget" design that fits easily into any USB port.
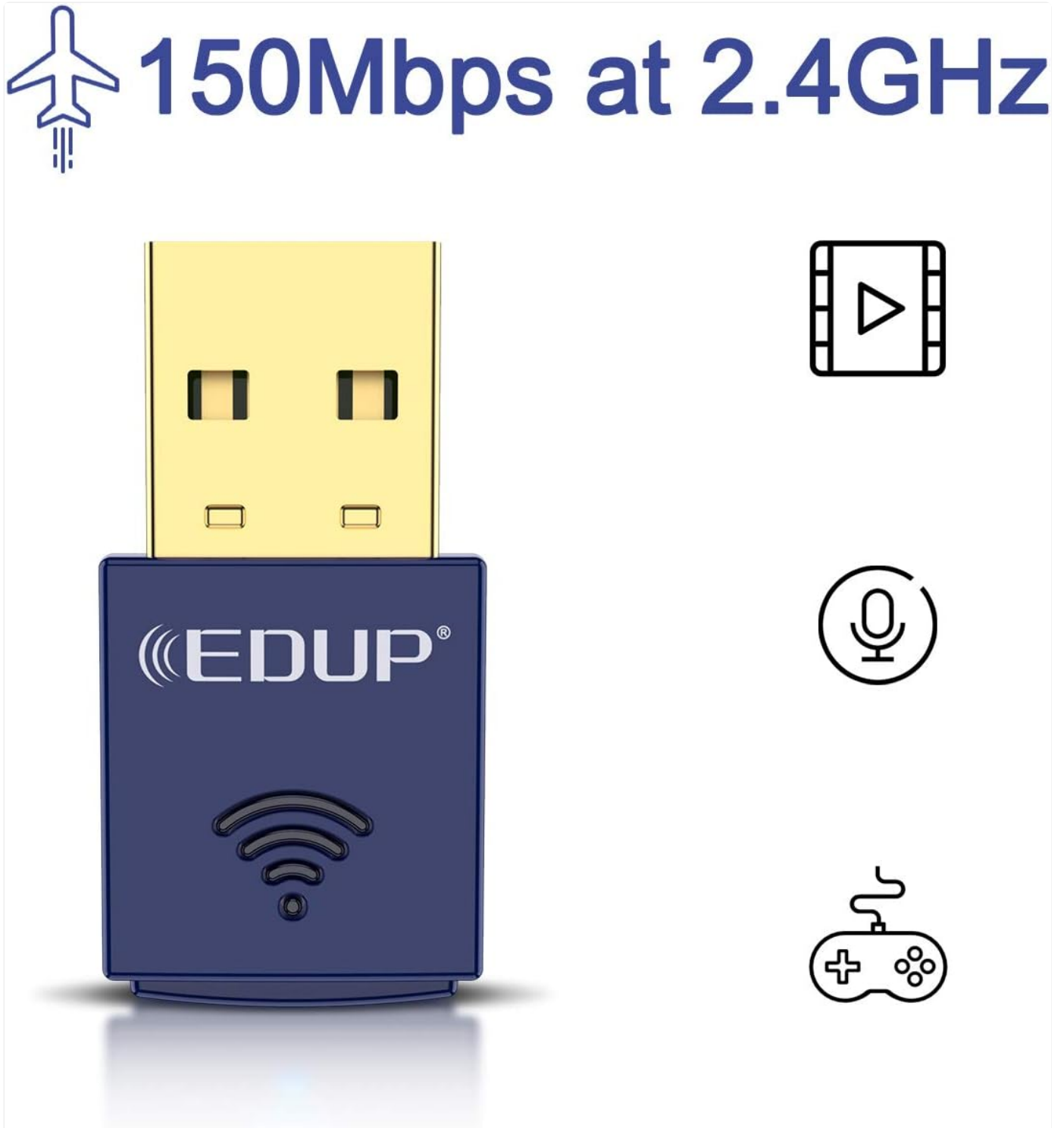

Image 1.2: Visual representation of the adapter's 150Mbps 2.4GHz Wi-Fi speed, suitable for video, audio, and gaming.

Image 1.3: The adapter's compatibility with various Windows operating systems, including Windows 11, 10, 7, 8, and 8.1.

2. SETUP AND INSTALLATION

Follow these steps to properly install your EDUP USB Bluetooth WiFi Adapter.

2.1 Hardware Installation

1. **Unpack the Adapter:** Carefully remove the EDUP USB Bluetooth WiFi Adapter from its packaging.

2. **Insert into USB Port:** Locate an available USB port on your desktop or laptop computer. Gently insert the adapter into the USB port. Ensure it is fully seated.
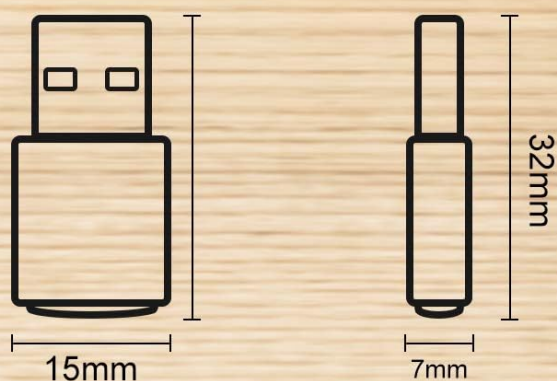
Image 2.1: The miniature design of the adapter, showing its dimensions and how it fits into a laptop's USB port.

2.2 Driver Installation

For optimal performance and full functionality, driver installation is required. The adapter is compatible with Windows 11/10/7/8/8.1.

1. **Download Driver:** Visit the official EDUP website to download the latest driver for your adapter. The direct link is: szedup.com/usb-adapters/EP8568.html.

2. **Run Installer:** Once downloaded, locate the driver file (usually an .exe file) and double-click it to start the installation process.

3. **Follow On-Screen Prompts:** Follow the instructions provided by the installation wizard. You may need to accept terms and conditions or choose an installation location.

4. **Restart Computer:** After the installation is complete, it is recommended to restart your computer to ensure all changes take effect.

Note: If you encounter any issues during driver installation, please refer to the Troubleshooting section or contact EDUP

support.

3. OPERATING INSTRUCTIONS

Once the adapter is installed, you can begin using its Wi-Fi and Bluetooth functionalities.

3.1 Connecting to Wi-Fi

1. **Access Network Settings:** On your Windows computer, click the Wi-Fi icon in the system tray (usually in the bottom-right corner of the screen).

2. **Select Network:** A list of available Wi-Fi networks will appear. Select your desired network.

3. **Enter Password:** If prompted, enter the network security key (Wi-Fi password) and click "Connect".

4. **Verify Connection:** Once connected, the Wi-Fi icon will indicate an active connection.

3.2 Connecting to Bluetooth Devices

The adapter supports Bluetooth 4.0, allowing connection to various Bluetooth-enabled devices such as headphones, speakers, keyboards, and mice.

1. **Enable Bluetooth:** Go to Windows Settings > Devices > Bluetooth & other devices, and ensure Bluetooth is turned "On".

2. **Pair a Device:** Click "Add Bluetooth or other device" and select "Bluetooth".

3. **Put Device in Pairing Mode:** Ensure your Bluetooth device (e.g., headphones) is in pairing mode (refer to your device's manual for instructions).

4. **Select and Connect:** Your computer will scan for nearby Bluetooth devices. Select your device from the list and follow any on-screen prompts to complete the pairing process.

Image 3.1: The adapter's ability to connect to multiple Bluetooth 4.0 devices simultaneously, including keyboards, mice, printers, headphones, and speakers, within a 32.8ft range.

3.3 Using Soft-AP Mode (Wi-Fi Hotspot)

The Soft-AP feature allows your computer to act as a Wi-Fi hotspot, sharing its internet connection with other devices.

1. **Enable Mobile Hotspot:** Go to Windows Settings > Network & Internet > Mobile hotspot.
2. **Configure Settings:** You can customize the network name (SSID) and password.
3. **Turn On Hotspot:** Toggle the "Share my Internet connection with other devices" switch to "On".
4. **Connect Other Devices:** Other devices can now find and connect to your computer's Wi-Fi hotspot using the configured SSID and password.

Image 3.2: Illustration of the Soft-AP mode, demonstrating how the USB WiFi adapter enables a computer to share its internet connection with other devices like laptops, tablets, and smartphones.

4. MAINTENANCE

To ensure the longevity and optimal performance of your EDUP USB Bluetooth WiFi Adapter, consider the following maintenance tips:

- **Keep Clean:** Periodically clean the adapter's exterior with a soft, dry cloth. Avoid using liquid cleaners or solvents.

- **Protect from Physical Damage:** Avoid dropping the adapter or exposing it to excessive force. When not in use, consider removing it from the USB port and storing it in a safe place.

- **Avoid Extreme Conditions:** Do not expose the adapter to extreme temperatures, humidity, or direct sunlight.

- **Driver Updates:** Occasionally check the EDUP website (szedup.com/usb-adapters/EP8568.html) for updated drivers to ensure compatibility and performance improvements.

5. TROUBLESHOOTING

If you encounter issues with your EDUP USB Bluetooth WiFi Adapter, try the following troubleshooting steps:

5.1 No Wi-Fi or Bluetooth Connectivity

- **Check Adapter Connection:** Ensure the adapter is securely plugged into a functioning USB port. Try a different USB port.
- **Verify Driver Installation:** Confirm that the drivers are correctly installed. Go to Device Manager (search "Device Manager" in Windows search bar) and check for any yellow exclamation marks next to network adapters or Bluetooth devices. If present, reinstall the drivers from szedup.com/usb-adapters/EP8568.html.
- **Enable Wireless/Bluetooth:** Ensure Wi-Fi and Bluetooth are enabled in your Windows settings.
- **Restart Computer:** A simple restart can often resolve connectivity issues.

5.2 Slow Wi-Fi Speed

- **Check Router Proximity:** Ensure your computer is within a reasonable range of your Wi-Fi router. Obstacles like walls can reduce signal strength.
- **Interference:** Other electronic devices (cordless phones, microwaves) operating on the 2.4GHz band can cause interference. Try to minimize these.
- **Router Settings:** Ensure your router is configured for optimal 802.11N performance.
- **Driver Update:** Ensure you have the latest drivers installed.

5.3 Bluetooth Device Not Pairing

- **Device in Pairing Mode:** Confirm that the Bluetooth device you are trying to connect is in its pairing mode.
- **Distance:** Ensure the Bluetooth device is within the 10-meter (32.8ft) range of the adapter.
- **Interference:** Reduce potential interference from other wireless devices.
- **Restart Bluetooth Service:** In Device Manager, right-click on your Bluetooth adapter under "Bluetooth" and select "Disable device", then "Enable device".

If these steps do not resolve your issue, please contact EDUP customer support.

6. SPECIFICATIONS

Feature	Detail
Brand	EDUP
Model	EP8568
Hardware Interface	Bluetooth 4.0, USB
Color	Blue
Compatible Devices	Desktop, Laptop
Data Transfer Rate	150 Megabits Per Second (Wi-Fi)
Manufacturer	EDUP

Feature	Detail
Wi-Fi Standard	802.11N
Wi-Fi Frequency	2.4GHz
Bluetooth Range	Up to 10 meters (32.8ft)
Supported OS	Windows 11/10/7/8/8.1

7. SUPPORT AND CONTACT INFORMATION

For further assistance, technical support, or warranty inquiries, please contact EDUP customer service.

- **Online Driver Download:** szedup.com/usb-adapters/EP8568.html
- **Customer Support:** For prompt assistance, please contact EDUP via the Amazon messaging system where you purchased the product.

Please have your product model (EP8568) and purchase details ready when contacting support.

Related Documents

	EDUP EP-9635C Quick Installation Guide A concise guide for installing the EDUP EP-9635C network card, including hardware setup and driver installation for Windows.
	Troubleshooting Guide for EP-AX300/EP-AX600 USB Wireless Adapter Driver Installation on Windows 7 This guide provides solutions for common driver installation errors (Error Code 37 and 52) encountered when installing EP-AX300 and EP-AX600 USB Wireless Adapters on Windows 7. It details steps to resolve issues related to missing Windows updates.
	EDUP EP-N8568 USB WiFi Bluetooth Adapter - Specifications and Features Detailed information on the EDUP EP-N8568 USB WiFi Bluetooth Adapter, including its specifications, features, and compliance information. Supports 802.11n, Bluetooth 4.0, and various operating systems.
	EDUP EP-AC1633 USB WiFi Adapter Quick Installation Guide Step-by-step guide for installing the EDUP EP-AC1633 USB WiFi Adapter on Windows systems, including FCC and IC compliance information.