EDUP B0DG8PFHSC

EDUP USB Bluetooth Adapter Bluetooth 5.4 Dongle User Manual

Model: B0DG8PFHSC

INTRODUCTION

This manual provides comprehensive instructions for the EDUP USB Bluetooth Adapter Bluetooth 5.4 Dongle. It covers setup, operation, and troubleshooting to ensure optimal performance and user experience. This adapter is designed to provide reliable and long-range Bluetooth connectivity for your Windows PC or laptop.

Image: The EDUP USB Bluetooth 5.4 Adapter, a compact black dongle with a gold-colored USB connector and an adjustable antenna, designed for enhanced wireless connectivity.

KEY FEATURES

- **Plug & Play or Free Driver:** Instant use for Windows 11/10/8.1 without driver installation.
- **Ultra Long Range:** Class 1 radio technology and high-gain antenna provide up to 328ft/100m transmission range in open areas.
- **Bluetooth 5.4 Technology:** Equipped with PA (power amplifier) chip, supporting dual-mode (BR/EDR + BLE) for stable and efficient connections.
- **Multi-Device Connectivity:** Connect up to 5 devices simultaneously, including speakers, keyboards, headsets, and mice.

PACKAGE CONTENTS

- 1x USB Bluetooth 5.4 Adapter

SETUP GUIDE

Initial Installation (Windows 11/10/8.1)

1. **Prepare your computer:** Before inserting the adapter, it is recommended to disable any built-in Bluetooth adapters on your computer to prevent conflicts. Ensure your automatic update system is enabled.

2. **Insert the adapter:** Plug the EDUP USB Bluetooth 5.4 Adapter into an available USB port on your desktop PC or laptop.

3. **Automatic Driver Installation:** For Windows 11, 10, and 8.1, the adapter is designed for plug-and-play operation. The necessary drivers should install automatically.

4. **Verify Installation:** Once plugged in, check your computer's Device Manager to confirm the Bluetooth adapter is recognized and functioning correctly.
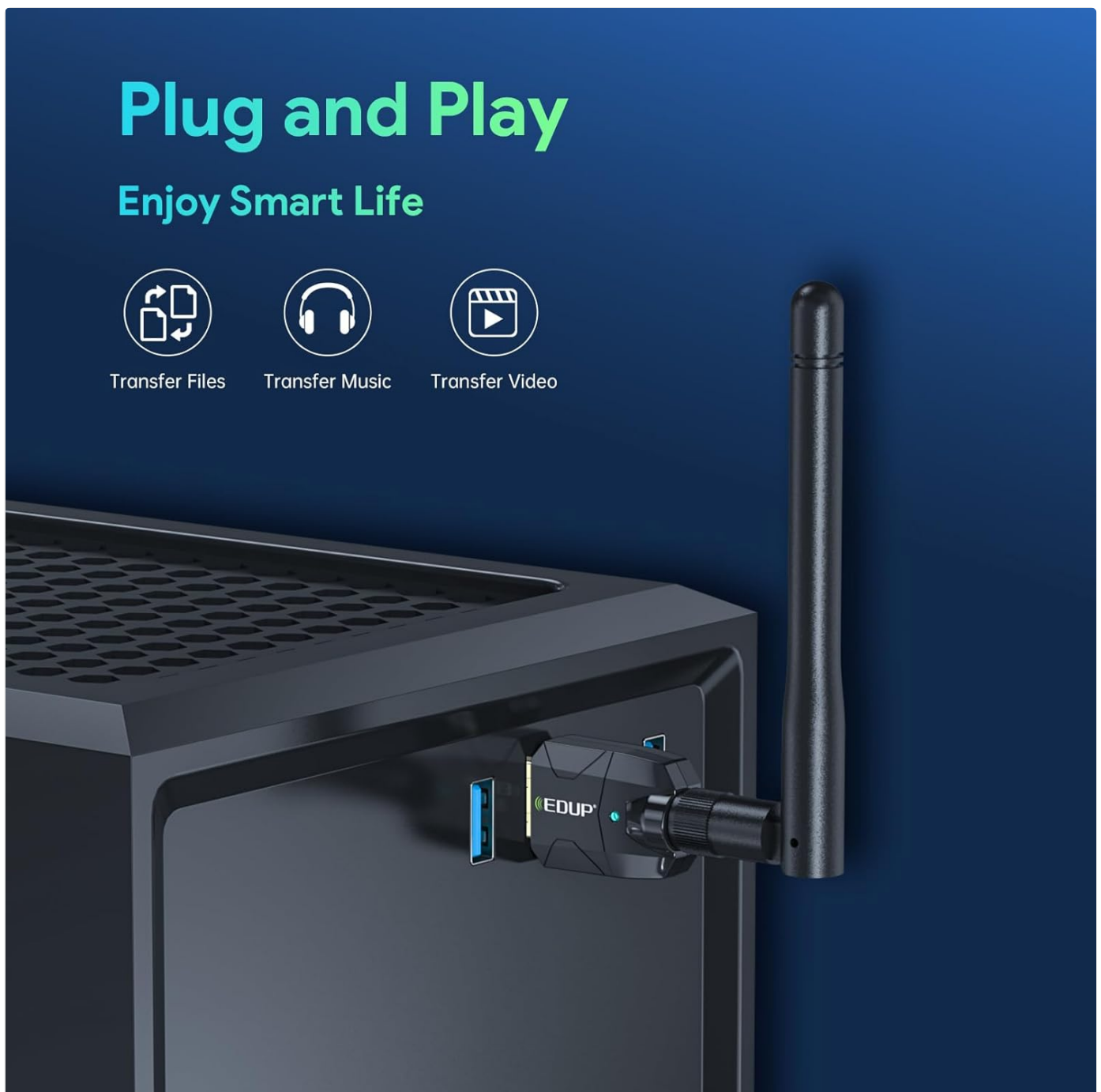

Image: The EDUP USB Bluetooth 5.4 Adapter plugged into a desktop computer, illustrating its plug-and-play functionality for easy setup.

Image: A visual representation highlighting the plug-and-play feature of the adapter, enabling seamless transfer of files, music, and video.

OPERATING INSTRUCTIONS

Connecting Bluetooth Devices

Once the adapter is installed, you can connect various Bluetooth-enabled devices to your computer. The adapter supports simultaneous connection of up to 5 devices.

1. **Enable Bluetooth:** Ensure Bluetooth is enabled in your computer's settings.

2. **Pairing Mode:** Put your Bluetooth device (e.g., headphones, speaker, keyboard, mouse) into pairing mode. Refer to your device's manual for specific instructions.

3. **Add Device:** On your computer, go to Bluetooth settings and select "Add Bluetooth or other device."

4. **Select Device:** Choose your device from the list of discovered devices and follow the on-screen prompts to complete the pairing process.

Image: A visual guide showcasing the adapter's ability to connect a computer to various Bluetooth-enabled devices, such as headphones, speakers, keyboards/mice, and Android phones/tablets.

Long-Range Connectivity

The EDUP Bluetooth adapter features Class 1 radio technology and a high-gain antenna, allowing for an extended transmission range of up to 328ft (100m) in open areas. This makes it suitable for use across large spaces like homes, offices, or warehouses.
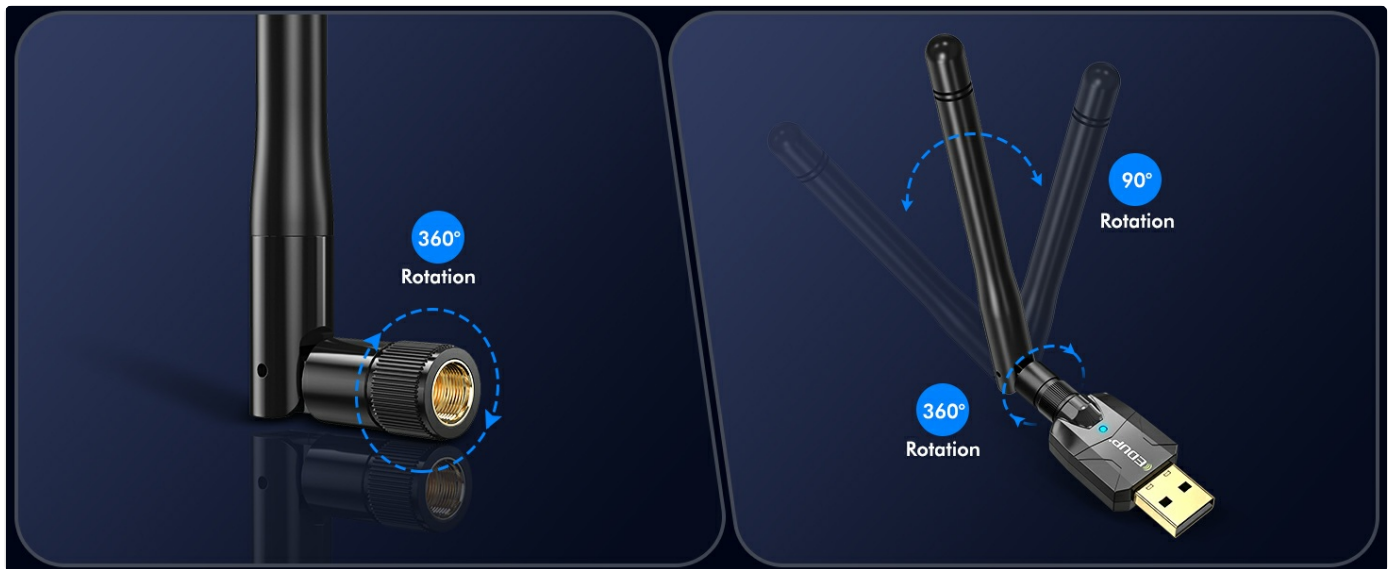
Image: A floor plan diagram showing the adapter's signal strength and range within a typical house, indicating effective distances of 10m, 50m, and up to 100m.

Image: The EDUP USB Bluetooth 5.4 Adapter depicted in a spacious living room, visually representing its long-range capabilities for seamless connectivity throughout a large area.

Data Transfer and Audio Streaming

The Bluetooth 5.4 technology with Enhanced Data Rate (EDR) support allows for faster data transfer speeds, up to 3Mbps. This ensures smooth audio streaming to Bluetooth headphones or speakers and efficient file transfers between your computer and Bluetooth-enabled devices like smartphones or tablets.

Allows your PC or laptop and Bluetooth-enabled devices to transfer data

Image: A user interacting with a laptop equipped with the EDUP Bluetooth adapter, demonstrating the ability to transfer data to a smartphone, highlighting wireless convenience.
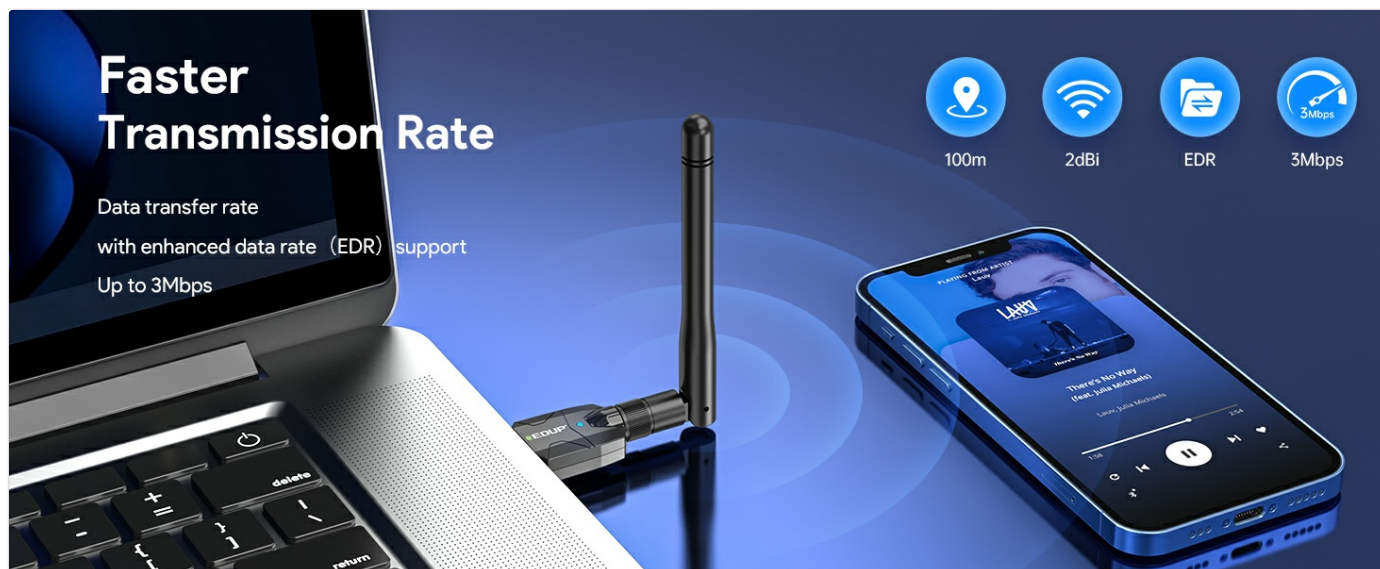

Faster Transmission Rate

Data transfer rate
with enhanced data rate （EDR）support
Up to 3Mbps

100m   2dBi   EDR   3Mbps

Image: A graphic illustrating the improved transmission speed of Bluetooth 5.4 (up to 3Mbps) compared to older Bluetooth 4.0, emphasizing

COMPATIBILITY

The EDUP USB Bluetooth 5.4 Adapter is designed for specific operating systems and device types. Please review the compatibility information below:

Supported Operating Systems:

- Windows 11
- Windows 10
- Windows 8.1

Supported Devices:

- Desktop PCs
- Laptops
- Bluetooth speakers
- Bluetooth keyboards
- Bluetooth headsets/headphones
- Bluetooth mice
- Game Controllers (when connected to a compatible PC)
- Smartphones & Tablets (for data transfer)

Unsupported Operating Systems and Devices:

- Mac OS
- Linux
- Car Stereo systems
- XBOX consoles
- TVs
- PlayStation consoles (PS3, PS4, PS5)
- Nintendo Switch
- iPhones (for direct connection)

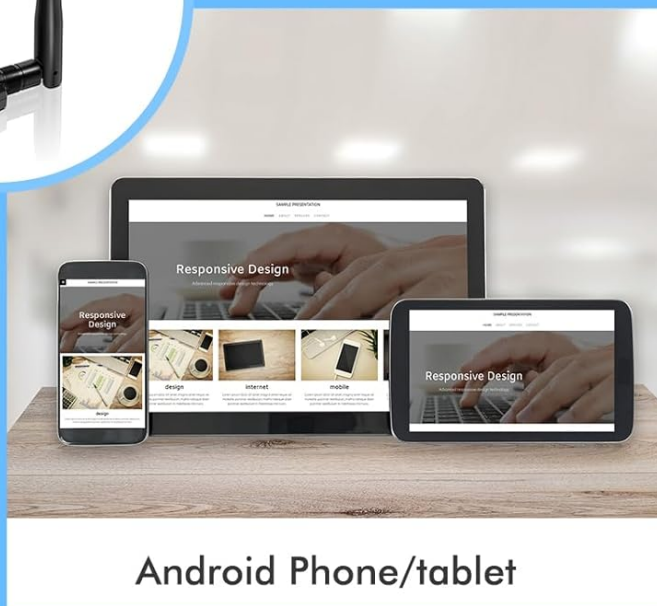# Connect your computer to Bluetooth-enabled devices

Bluetooth Headphones

Bluetooth Speaker

Bluetooth Keyboards/Mice

Android Phone/tablet

Image: A visual chart indicating which device types are compatible (green checkmark) and incompatible (red X) with the EDUP Bluetooth adapter, including various PCs, mobile devices, and gaming consoles.

Upgraded Bluetooth 5.4
Stronger transmission

BLE
Bluetooth low energy

Class1
Up to 100m/328ft

EDR
Enhanced data rate

MAINTENANCE

The EDUP USB Bluetooth Adapter is designed for durability and requires minimal maintenance. To ensure its longevity and optimal performance:

- **Keep Clean:** Gently wipe the adapter with a dry, soft cloth to remove dust or debris. Avoid using liquid cleaners.
- **Store Properly:** When not in use, store the adapter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handle with Care:** Avoid dropping the adapter or subjecting it to strong impacts. Do not force it into USB ports.
- **Antenna Care:** The antenna is rotatable for optimal signal reception. Handle it gently when adjusting its position.
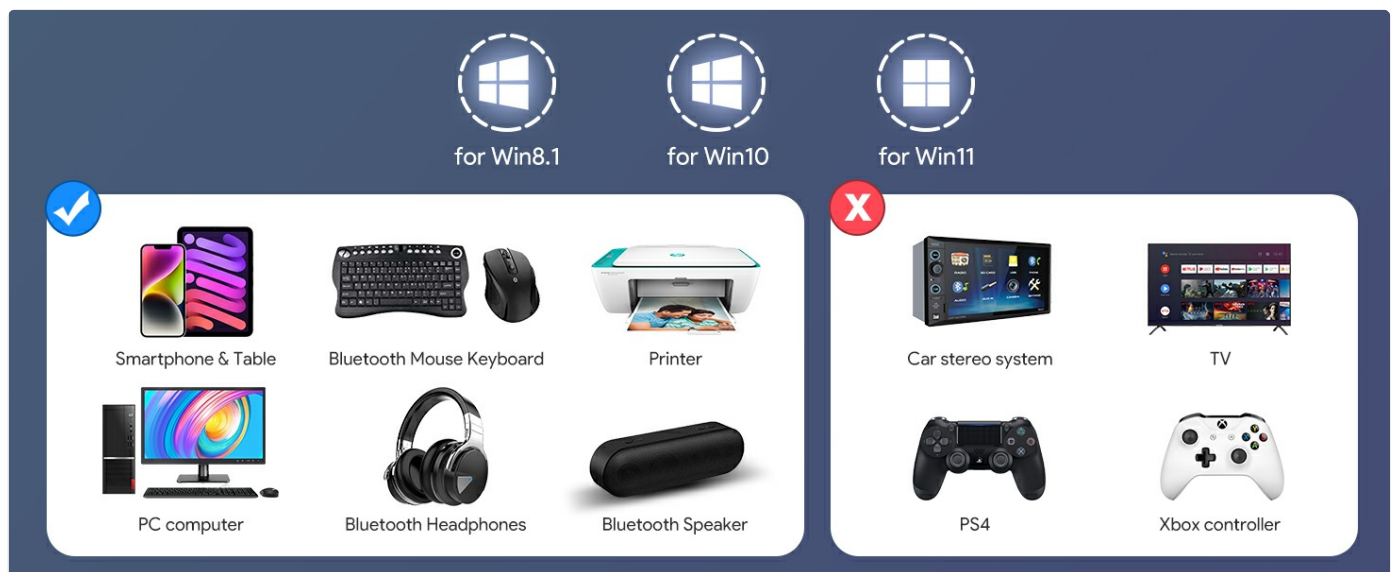

Image: A visual guide demonstrating the 360-degree rotation and 90-degree tilt capability of the adapter's antenna, allowing for flexible positioning to optimize signal reception.

TROUBLESHOOTING

If you encounter issues with your EDUP USB Bluetooth Adapter, please refer to the following common solutions:

- **Adapter Not Recognized:**

  - Ensure the adapter is fully inserted into a working USB port.
  - Try a different USB port.
  - Restart your computer.
  - Check Device Manager for any unknown devices or errors.

- **Bluetooth Device Not Pairing/Connecting:**

  - Ensure your Bluetooth device is in pairing mode.
  - Verify that your device is compatible with the adapter (refer to the Compatibility section).
  - Move the Bluetooth device closer to the adapter.
  - Remove the device from your computer's Bluetooth settings and try pairing again.
  - **Important:** If your computer has a built-in Bluetooth adapter, ensure it is disabled before using the EDUP adapter to avoid conflicts.

- **Poor Signal or Disconnections:**

  - Ensure the adapter's antenna is positioned optimally and not obstructed.
  - Reduce the distance between the adapter and the connected Bluetooth device.
  - Minimize physical obstructions (walls, large furniture) between the adapter and the device.
  - Avoid sources of interference (e.g., Wi-Fi routers, microwaves, other 2.4GHz devices).

- **No Audio/Data Transfer:**

  - Check your computer's sound settings to ensure the correct Bluetooth audio device is selected.
  - For data transfer, ensure both devices support the transfer protocol and are properly paired.
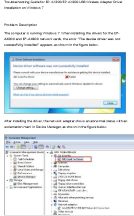
SPECIFICATIONS
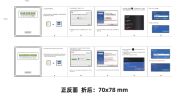
Attribute	Detail
Brand	EDUP
Model	B0DG8PFHSC
Hardware Interface	Bluetooth 5.4 (Bluetooth 5)
Data Link Protocol	Bluetooth
Color	Black
Compatible Devices	Desktop, Laptop (Windows 11/10/8.1)
Item Weight	1.13 ounces (0.03 Kilograms)
Package Dimensions	5.39 x 4.8 x 0.71 inches
Manufacturer	EDUP
First Available Date	September 6, 2024

WARRANTY AND SUPPORT

For warranty information or technical support regarding your EDUP USB Bluetooth Adapter, please contact EDUP customer service directly. You can typically find contact details on the official EDUP website or through the retailer where you purchased the product.
For further assistance, you may visit the EDUP Store on Amazon.

Related Documents - B0DG8PFHSC

	[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.
	[EDUP USB Wireless Adapter Quick Installation Guide](#) Step-by-step guide to install and connect your EDUP USB Wireless Adapter (DB1305CU). Includes setup instructions, wireless connection methods, and FCC compliance information.
	[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-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.
	[WIFI 6E AX5400 USB Wireless Adapter 8832CU Installation Guide](#) This guide provides step-by-step instructions for installing the WIFI 6E AX5400 USB Wireless Adapter 8832CU, including driver download and Wi-Fi connection.
	[EDUP EP-AC1689 USB Wireless Adapter Quick Installation Guide](#) Step-by-step guide for installing and connecting the EDUP EP-AC1689 USB Wireless Adapter. Includes setup instructions, network connection, and FCC compliance information.