YOSUPGO SANT-SUC01

YOSUPGO WiFi Relay Switch Module

User Instruction Manual

Model: SANT-SUC01

1. Product Overview

The YOSUPGO WiFi Relay Switch Module (Model: SANT-SUC01) is an intelligent wireless remote control device designed to manage your computer's power supply. It allows you to remotely turn on, turn off, and reset your PC from anywhere with a 2G/3G/4G/WIFI network signal. This module integrates seamlessly with the eWeLink mobile application and is compatible with popular smart home platforms such as Alexa, Amazon Echo, Google Home, Google Nest, and IFTTT.

Key features include remote power control, timing schedules, device sharing, and voice control, providing convenience and flexibility for managing your computer. It is particularly useful for situations requiring remote access, power saving, or data transfer via software like TeamViewer.

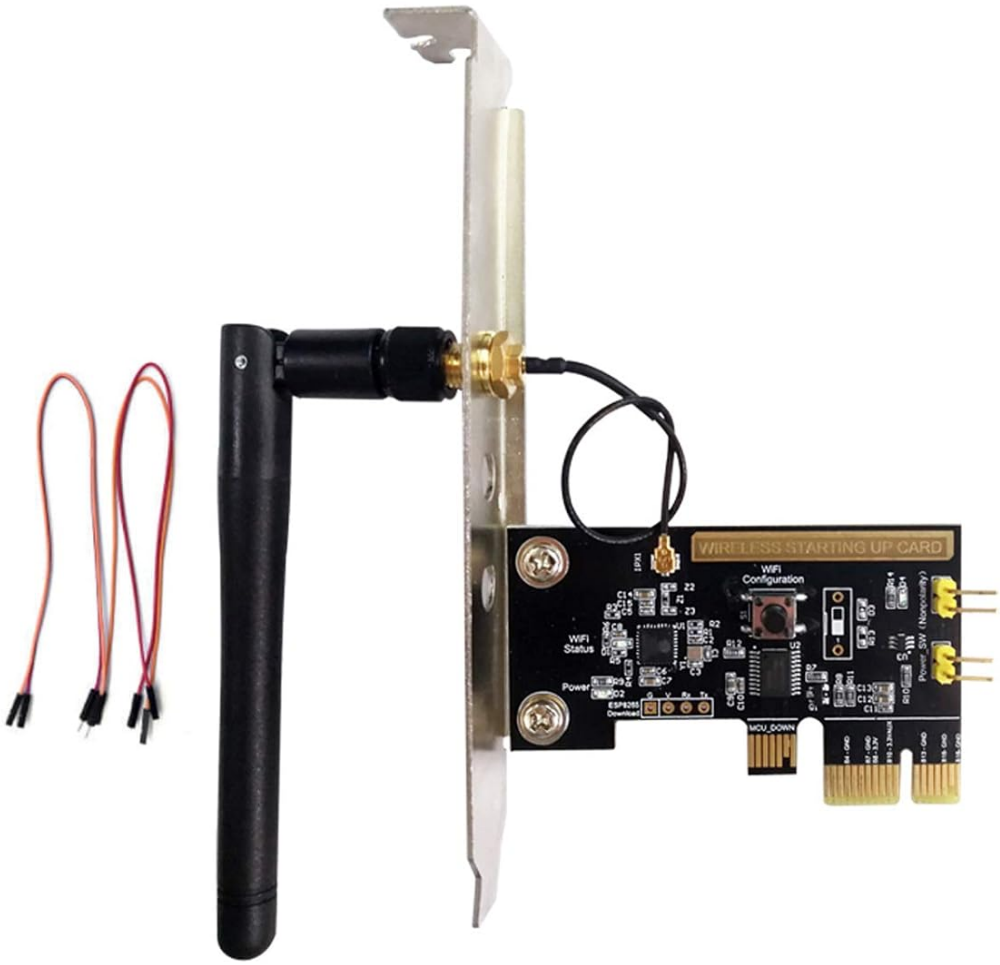


Image 1.1: The YOSUPGO WiFi Relay Switch Module, showing the main board, external antenna, and connecting cables.



Image 1.2: Visual representation of the module's capabilities, including quick installation, phone control, remote control, timing, voice control, sharing, and status feedback.

2. Package Contents

Before proceeding with installation, please verify that all components are present in the package:

- 1 x WiFi Smart APP Controlled Timer Switch Card (SANT-SUC01)
- 1 x External Antenna
- 1 x Long Fixed Plate (PCI-e bracket)
- 1 x Short Fixed Plate (PCI-e bracket)
- Connecting Cables (Power SW, Reset SW)
- Mounting Screws
- 1 x User Manual (this document)



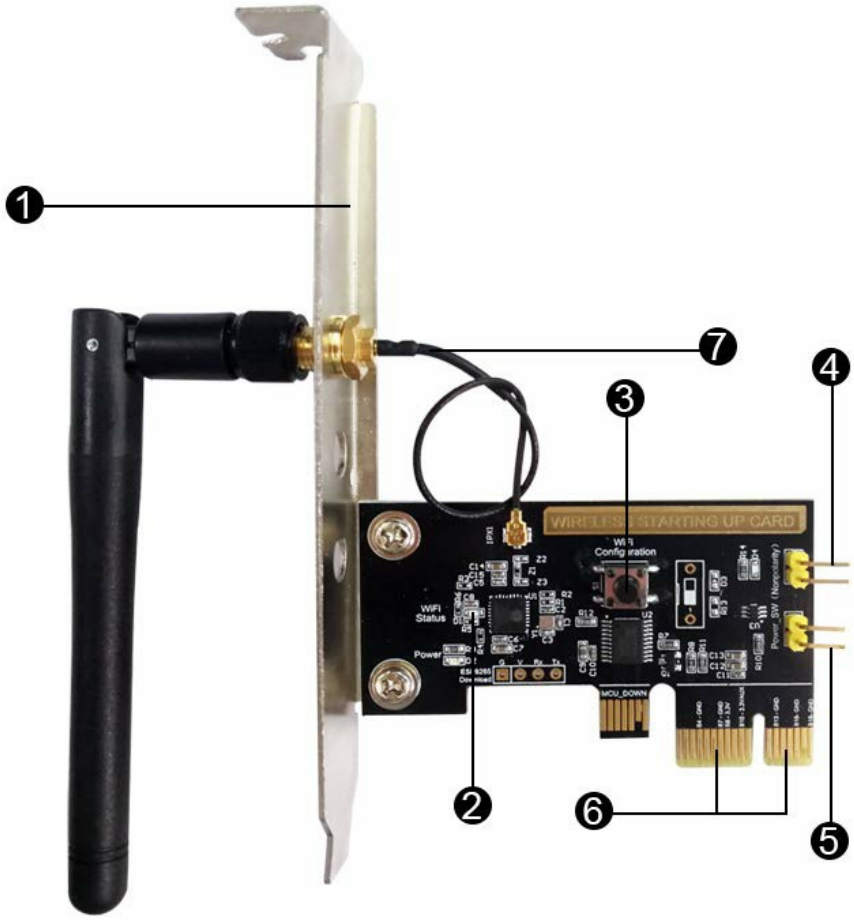
Image 2.1: All components included in the YOSUPGO WiFi Relay Switch Module package.

3. Setup and Installation

This section guides you through the physical installation of the WiFi Relay Switch Module into your computer and the initial software setup.

3.1 Hardware Installation

1. **Power Off and Disconnect:** Ensure your computer is completely powered off and disconnected from the power outlet before opening the case.
2. **Open Computer Case:** Carefully open your computer's side panel to access the motherboard.
3. **Locate PCI-e Slot:** Identify an available PCI-e slot on your motherboard. The module is designed to plug into a standard PCI-e slot.
4. **Install Module:** Gently insert the WiFi Relay Switch Module into the chosen PCI-e slot, ensuring it is seated firmly. Secure the module with the provided screw to the PC case.
5. **Connect Cables:**
    - Locate the **POWER SW** and **RESET SW** pins on your motherboard's front panel header.
    - Disconnect the existing Power SW and Reset SW cables from your motherboard.
    - Connect the corresponding cables from the WiFi Relay Switch Module to the **POWER SW** and **RESET SW** pins on your motherboard.
    - Connect the original Power SW and Reset SW cables from your PC case to the corresponding pins on the WiFi Relay Switch Module. This creates a pass-through connection.
6. **Attach Antenna:** Screw the external antenna onto the connector on the module's PCI-e bracket. Position the antenna for optimal signal reception.
7. **Close Case:** Once all connections are secure, close your computer case and reconnect the power cable.



1.PCIE Metal Baffle

2.pairing guiding light

3.pairing button

4.CH1: POWER SW segment connected to mainboard/POWER SW Line of Computer Boot-up Key

5.CH2: POWER SW segment connected to mainboard/POWERSW Line of Computer Boot-up Key

6.PCIE Interface

7.external antenna

Image 3.1: Detailed view of the module's components and connection points, including PCIE Metal Baffle, pairing guiding light, pairing button, Power SW connections, PCIE Interface, and external antenna.

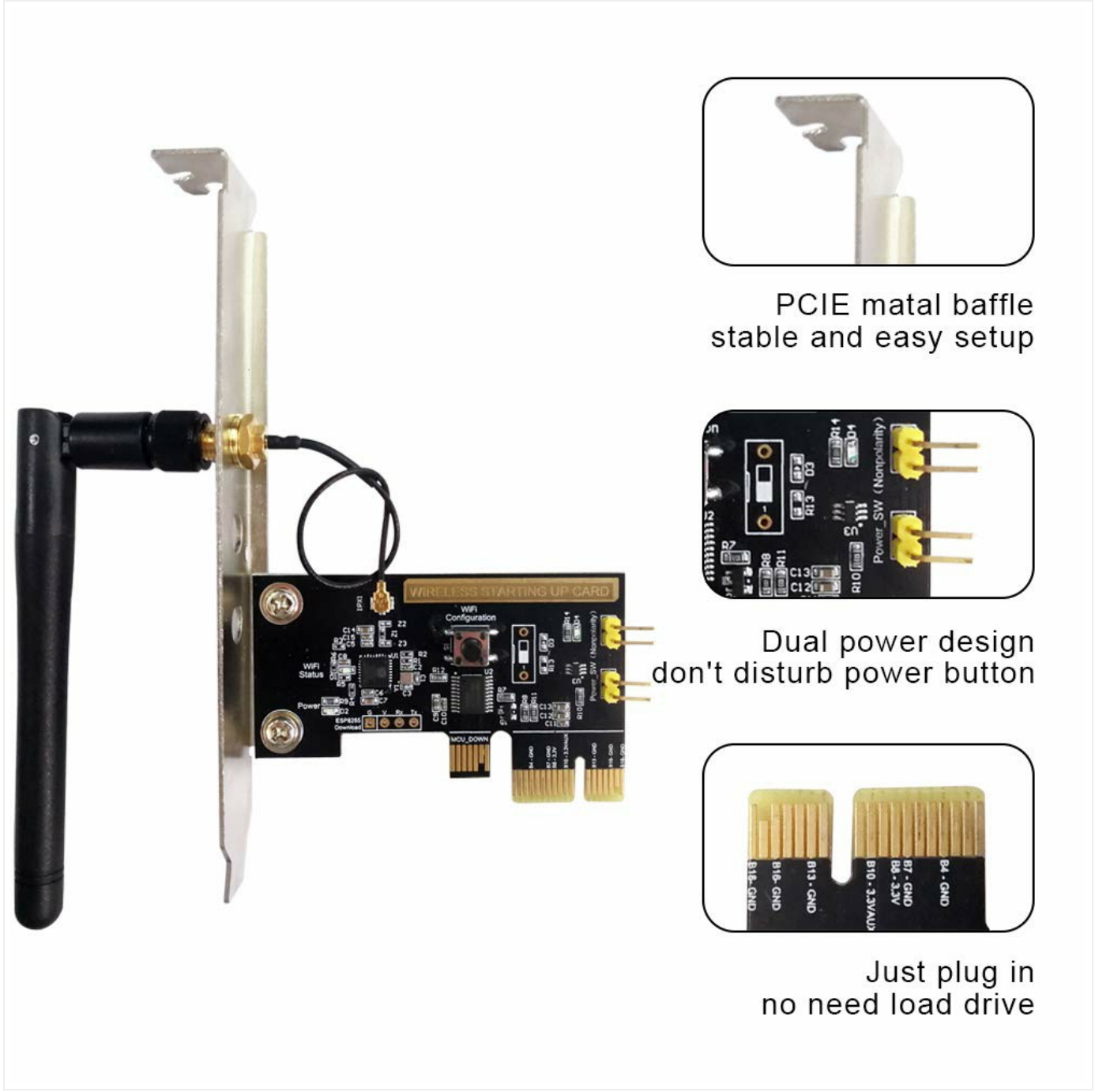


Image 3.2: Illustrations highlighting the stable PCIE metal baffle, dual power design that does not interfere with the existing power button, and the simple plug-in installation.

3.2 Software Setup (eWeLink App)

The eWeLink app is required to control the module. Ensure your mobile device is connected to a 2.4GHz Wi-Fi network during setup, as the module does not support 5GHz Wi-Fi.

1. **Download eWeLink App:** Download and install the 'eWeLink' app from the App Store (iOS) or Google Play Store (Android) on your smartphone or tablet.
2. **Register/Log In:** Open the app and register a new account or log in with an existing one.
3. **Add Device:**
    - In the eWeLink app, tap the '+' icon to add a new device.
    - Select the appropriate device type or use the 'Quick Pairing' mode.
    - Follow the on-screen instructions to put the module into pairing mode (usually by pressing and holding the pairing button on the module until the LED indicator blinks).

    - Enter your 2.4GHz Wi-Fi network name (SSID) and password when prompted.
    - The app will search for and connect to the module. Once connected, you can name your device.
4. **Verify Connection:** After successful pairing, the module's status LED should indicate a stable connection, and you should see the device listed in your eWeLink app.

Important Note: This smart controller does not support 5GHz Wi-Fi networks. Please ensure your mobile device and the module are connected to a 2.4GHz Wi-Fi network during the setup process.

4. Operating Instructions

Once installed and configured, the WiFi Relay Switch Module offers various ways to control your computer.

4.1 Remote Control via eWeLink App

The eWeLink app provides full control over your computer's power state from anywhere with an internet connection.

- **Turn On/Off:** Tap the power icon next to your device in the app to remotely turn your computer on or off.
- **Reset:** The app also provides an option to remotely reset your computer.
- **Real-time Status:** The app displays the current power status of your computer. Note that there may be a slight delay in status feedback depending on your computer's boot-up or shut-down time.



Image 4.1: Illustrates the convenience of remotely starting your computer, even from bed, using smart home integration.

4.2 Voice Control Integration

The module is compatible with popular voice assistants, allowing hands-free control.

- **Supported Platforms:** Amazon Alexa, Google Home, Google Nest, IFTTT.
- **Linking Accounts:** Follow the instructions within your voice assistant's app (e.g., Alexa app, Google Home app) to link your eWeLink account.
- **Voice Commands:** Once linked, you can use simple voice commands such as:
  - "Alexa, turn on [Computer Name]"
  - "Hey Google, turn off [Computer Name]"

4.3 Timing Schedules

Set up schedules to automatically turn your computer on or off at specific times.

- In the eWeLink app, select your device and navigate to the 'Timer' or 'Schedule' section.
- Create new schedules by setting desired times for power on or power off actions.
- This feature is useful for energy saving or ensuring your computer is ready when needed.

4.4 Device Sharing

Share control of your computer with family members or colleagues.

- Within the eWeLink app, select your device and find the 'Share Device' option.
- Invite other eWeLink users by entering their account details. They will then be able to control the computer from their own app.

4.5 TeamViewer Integration

Combine the remote power control with TeamViewer for seamless remote access and data management.

- Install TeamViewer software on your computer.
- Use the WiFi Relay Switch Module to turn on your computer remotely.
- Once the computer is on, use TeamViewer from your mobile device or another computer to access files, transfer data, or perform other tasks.



Image 4.2: Demonstrates how to use TeamViewer in conjunction with the module to transfer data remotely, eliminating the need to wait for downloads or work overtime in the office.

5. Troubleshooting

If you encounter issues with your WiFi Relay Switch Module, refer to the following common problems and solutions:

- **Module not connecting to Wi-Fi:**
  - Ensure your Wi-Fi network is 2.4GHz. The module does not support 5GHz Wi-Fi.
  - Verify that your Wi-Fi password is entered correctly in the eWeLink app.
  - Make sure the module is within range of your Wi-Fi router.
  - Try resetting the module (refer to the eWeLink app for specific reset procedures) and attempting the pairing process again.
- **Computer not turning on/off remotely:**

- Check all cable connections between the module, motherboard, and PC case front panel headers. Ensure they are securely seated.
- Verify that the module is properly powered (indicated by its status LED).
- Confirm that your computer's BIOS settings allow for power-on via PCI-e or similar wake-up events (though typically not required for this type of relay).
- Ensure your eWeLink app shows the module as online.

- **Delayed response or status updates:**
  - Real-time state feedback may have a slight delay, which depends on your computer's boot-up or shut-down time and network conditions. This is normal operation.
  - Check your internet connection speed and stability.

6. Specifications

Detailed technical specifications for the YOSUPGO WiFi Relay Switch Module:

Feature	Specification
Model Number	SANT-SUC01
Voltage	3.3V
Average Current	100mA (0.1 Amps)
Instant Current	500mA
Wireless Standard	2.4GHz, 802.11 b/g/n
Mobile App	eWeLink (Android/iOS)
Suitable Model	Plug in desktop PCI-e
Function	Turn on/off PC, Reset PC
PC Starting up Card Size (L*W*H)	69 x 41 x 2 mm (2.72 x 1.61 x 0.08 inches)
Long Fixed Plate Size (L*W)	122 x 19 mm
Short Fixed Plate Size (L*W)	82 x 20 mm
Product Weight	80g (3.53 ounces)
Connector Type	Wireless
Contact Material	Silver Alloy
Mounting Type	Plug In Mount

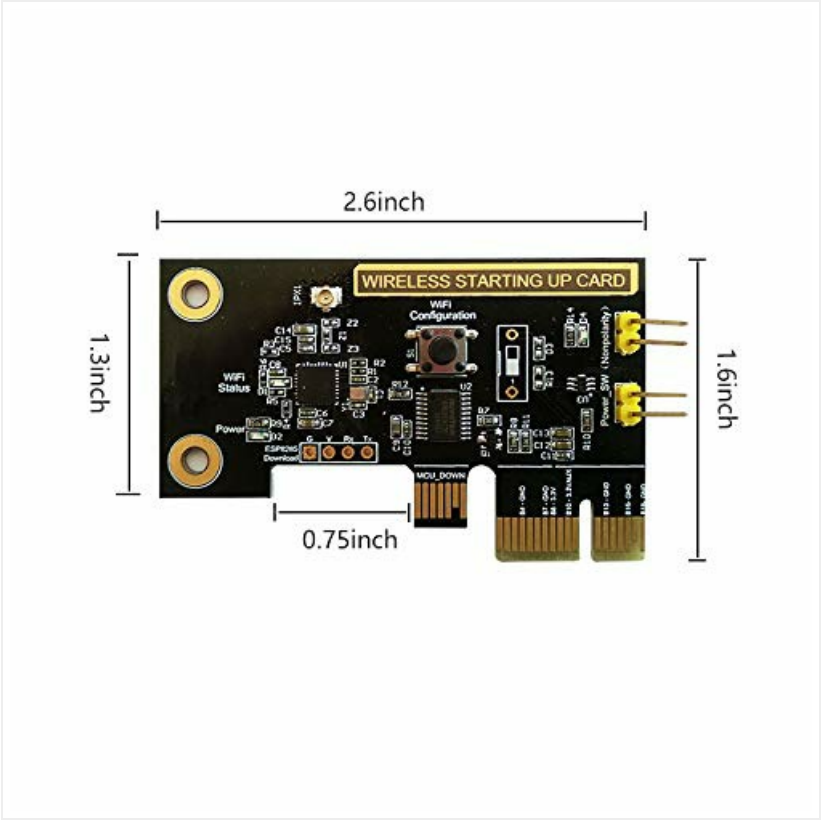


Image 6.1: Dimensions of the WiFi Relay Switch Module board.

7. Maintenance

The YOSUPGO WiFi Relay Switch Module is designed for low maintenance. Keep the following in mind:

- **Cleaning:** If necessary, gently clean the module with a dry, soft cloth. Do not use liquid cleaners or solvents.
- **Firmware Updates:** Periodically check the eWeLink app for any available firmware updates for the module. Updates can improve performance and add new features.
- **Environmental Conditions:** Ensure the module operates within standard computer operating temperatures and humidity levels. Avoid extreme conditions.

8. Support

For any questions, technical assistance, or support regarding your YOSUPGO WiFi Relay Switch Module, please contact our customer service team. We are committed to providing prompt assistance and will reply within 24 hours.

Your satisfaction is our top priority. Please refer to the contact information provided with your purchase or visit the official YOSUPGO brand store on Amazon for support details.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question