

How to Fix ASUS Router with Flashing Power LED On and Off

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Quick answer

If your ASUS router's power LED is flashing abnormally, it's a sign of a potential issue. This guide walks you through resolving the problem using Rescue Mode, with detailed steps to ensure a smooth recovery.

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What is Rescue Mode?

Rescue Mode is a feature that allows ASUS routers to restore firmware in case of a malfunction. It's a lifesaver when your router experiences issues such as a corrupted firmware update.

Supported Operating Systems This guide is applicable for Windows users, including versions XP, 7, 8, 10, and 11.

For a visual guide, watch the ASUS Rescue Mode Tutorial on YouTube: [Watch Now](#).

Step-by-Step Guide to Fix the Flashing Power LED

1. Download and Install Firmware Restoration Utility

Using the ASUS RT-AC68U as an example, follow these steps:

1. Visit ASUS Support Website
 - Go to www.asus.com and search for your router model.
 - Navigate to your product's Support page.
2. Download Firmware and Utility
 - Download the latest firmware for your router. Important: Unzip the firmware file before proceeding.
 - Select Driver & Utility > Choose your OS > Download ASUS Firmware Restoration.
3. Install the Utility
 - Locate the downloaded utility file, open it, and follow the installation instructions.
 - After installation, access the utility from: Start > ASUS Utility > Firmware Restoration.

2. Configure Network Adapter Settings

To enable communication between your router and computer, adjust the network adapter settings:

1. Connect Router to Computer Use an Ethernet cable to connect your router to your computer.
2. Access Network Settings
 - Go to Start > Settings > Network & Internet.

- Select Change adapter options.

3. Modify TCP/IPv4 Settings

- Right-click on your LAN adapter > Properties.
- Choose Internet Protocol Version 4 (TCP/IPv4) > Properties.
- Enter the following:
 - IP Address: '192.168.1.10'
 - Subnet Mask: '255.255.255.0'
- Click OK to save.

3. Activate Rescue Mode

Use the following steps to enable Rescue Mode and restore firmware:

1. Power Off the Router Unplug the router's power cable.
2. Press and Hold the Reset Button While holding the Reset button, reconnect the power cable. Note: Do not release the button until the power LED starts flashing slowly.
3. Restore Firmware
 - Open Firmware Restoration from the ASUS Utility.
 - Click Browse to select the unzipped firmware file.
 - Click Upload to begin the restoration process. Important: Ensure the router is in Rescue Mode before uploading the firmware.
4. Wait for Completion
 - A steady power LED indicates the process is complete.
 - Allow the router to reboot automatically.

4. Revert Network Adapter Settings

After the firmware update:

1. Restore Default TCP/IPv4 Settings
 - Access Network Settings as before.
 - Select Obtain IP address automatically and Obtain DNS server address automatically.
 - Click OK.
2. Access Router Settings You can now log in to your router's settings page and resume normal usage.

Quick Troubleshooting Tips

- Restart Both Router and Node: If your ASUS router is part of a mesh system (e.g., ZenWiFi AX), a simple restart of both devices can resolve connectivity issues.
- Firmware Update After Effects: Firmware updates may alter device behavior. Ensure all devices in your network are synchronized with the latest firmware.

Conclusion

This guide provides a detailed method to resolve the flashing power LED issue on ASUS routers using Rescue Mode. Following these steps carefully will likely restore your router to working condition. If the issue persists, contact ASUS Customer Service for further assistance. Always keep your firmware updated and perform regular reboots for optimal performance.

References

1. youtube.com - watch - <https://www.youtube.com/watch?v=T8YKnpXxhx0>

2. asus.com - <https://www.asus.com/>