

Home Wi-Fi Troubleshooting

Practical computer help written for everyday users

Safety: Back up important data when possible. Power off and unplug equipment before opening a computer. Stop if you see liquid damage, smoke, burning smell, or a failing drive.

Separate the problem

- Test another device.
- Test Ethernet if available.
- Restart modem and router in the correct order.

Improve signal

- Place the router high and central.
- Use 5 GHz or 6 GHz near the router, 2.4 GHz for range.
- Avoid hiding the router behind metal or inside cabinets.

PC fixes

- Forget and reconnect to the network.
- Update the Wi-Fi adapter driver from the PC or adapter manufacturer.
- Reset network settings only after simpler steps fail.

This guide is educational and cannot identify every hardware or data-loss risk remotely. Use the exact manual for your device or motherboard when firmware settings differ.