

D-Link DIR-2640

D-Link DIR-2640 AC2600 Dual-Band Wi-Fi Router User Manual

Model: DIR-2640

1. INTRODUCTION

The D-Link DIR-2640 AC2600 MU-MIMO Dual-Band High Power Wi-Fi Router is designed to provide high-speed wireless connectivity for your home or office network. This router features AC2600 Mbps speeds, MU-MIMO technology for efficient data transfer to multiple devices, and dual-band operation (2.4 GHz and 5 GHz) to reduce interference and optimize performance. It includes 5 Gigabit Ethernet ports (1 WAN, 4 LAN) for high-speed wired connections, 4 external antennas for extended coverage, and 2 USB ports for shared storage. The DIR-2640 is also compatible with voice assistants like Alexa and Google Assistant for convenient control.

2. SETUP GUIDE

2.1 Package Contents

Before you begin, ensure all items are present in the package:

- D-Link DIR-2640 AC2600 Wi-Fi Router
- Power Adaptor
- Ethernet Cable
- Quick Installation Guide (QIG)
- Warranty and Safety Information Guide

2.2 Physical Installation

Follow these steps to physically connect your router:

1. **Position the Router:** Place the router in a central location in your home or office, away from obstructions and devices that may cause interference (e.g., cordless phones, microwave ovens). Ensure the antennas are oriented vertically for optimal signal coverage.
2. **Connect to Power:** Plug the provided power adaptor into the router's power port (labeled 'POWER') and then into a wall outlet. The power LED on the router should illuminate.
3. **Connect to Modem:** Connect one end of the supplied Ethernet cable to the Internet (WAN) port on the router (usually yellow) and the other end to an available Ethernet port on your modem.
4. **Connect Wired Devices (Optional):** For wired connections, connect Ethernet cables from your computers, smart TVs, or

gaming consoles to any of the four LAN ports (labeled 1-4) on the router.



Image: Rear panel of the D-Link DIR-2640 router, illustrating the layout of the USB ports, LAN ports, WAN port, Reset button, WPS button, Wi-Fi button, Power button, and power input.

2.3 Initial Configuration

You can configure your router using the D-Link Wi-Fi Mobile App or the intuitive Web GUI setup wizard:

- **D-Link Wi-Fi Mobile App:** Download the D-Link Wi-Fi app from your device's app store. Follow the on-screen instructions to set up your router.
- **Web GUI Setup Wizard:** Open a web browser on a computer connected to the router (either wired or wirelessly). Type <http://dlinkrouter.local> or the router's default IP address (usually 192.168.0.1) into the address bar. Follow the wizard to configure your Internet connection and Wi-Fi settings.

3. OPERATING INSTRUCTIONS

3.1 Connecting Devices

The DIR-2640 supports both wireless and wired connections.

- **Wireless Connection:** Search for the Wi-Fi network name (SSID) printed on the bottom of your router. Select it and enter the Wi-Fi password (also on the router's label). The router provides simultaneous dual-band operation (2.4 GHz and 5 GHz) for optimal performance across various devices.

- **Wired Connection:** Connect devices such as desktop computers, gaming consoles, or smart TVs to the router's Gigabit LAN ports using Ethernet cables for stable, high-speed connections.

Simultaneous Dual Band

Like having two Wi-Fi networks,
connect more devices with less congestion



Image: The D-Link DIR-2640 router demonstrating its simultaneous dual-band capability, allowing multiple devices to connect to either the 2.4GHz or 5GHz network for different activities, reducing network congestion.

Connect up to 4 wired devices



Image: An illustration showing the D-Link DIR-2640 router providing wired connectivity to up to four devices, including a smart television, a gaming console, a laptop, and a desktop computer.

3.2 USB Device Sharing

The router features two USB ports, allowing you to connect external storage devices (e.g., USB hard drives, flash drives) to create shared network storage. This enables you to access photos, movies, and music wirelessly from any device connected to your network.

3.3 Voice Control Compatibility

The D-Link DIR-2640 is compatible with voice assistants such as Google Assistant and Amazon Alexa. You can command certain router functionalities using your voice, providing a convenient way to manage your network.

Works with Google Assistant and Alexa

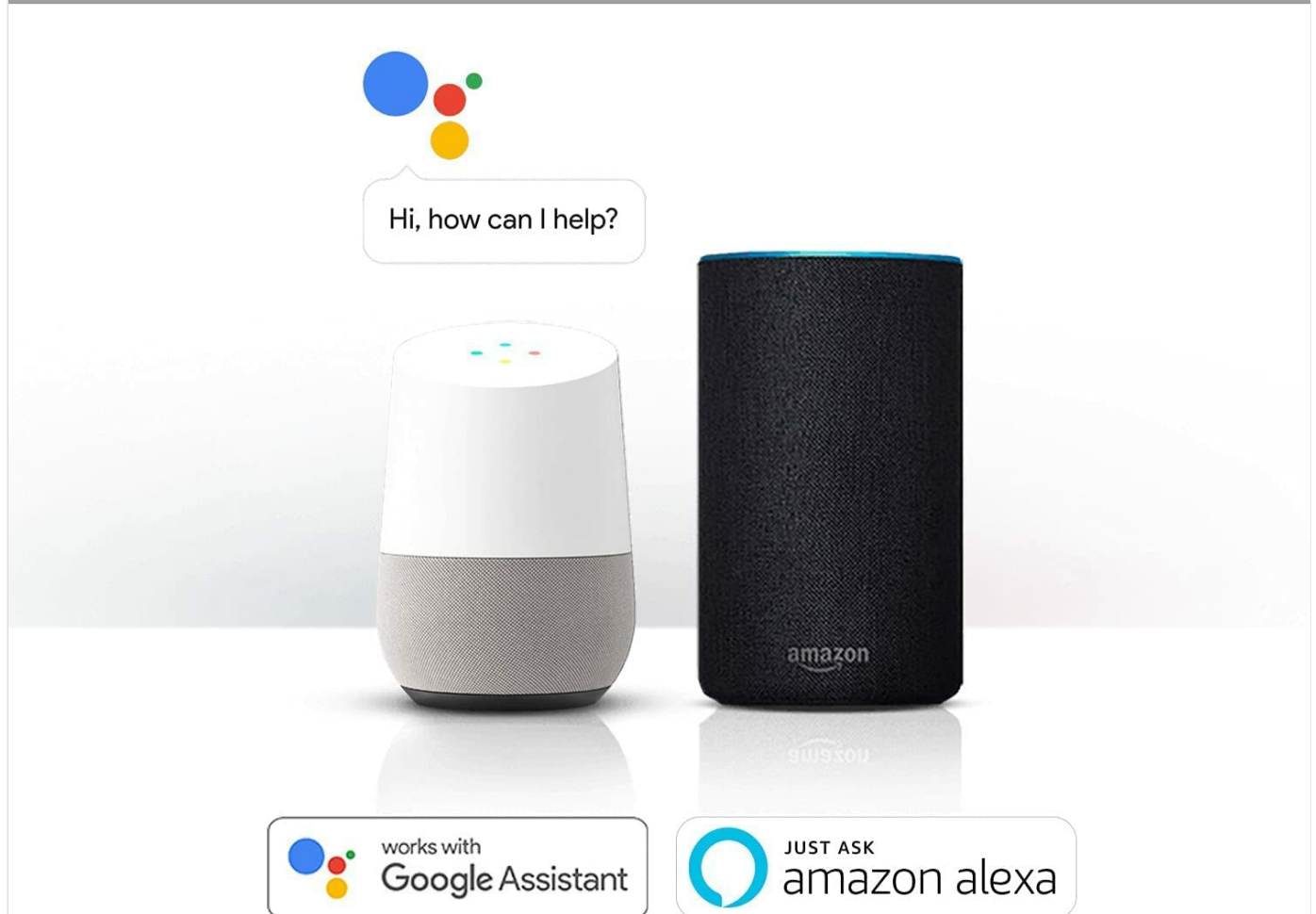


Image: A visual representation of Google Assistant and Amazon Alexa devices, highlighting the D-Link DIR-2640 router's compatibility with these voice control platforms.

3.4 Enhanced Parental Controls

Utilize the enhanced parental control features to manage internet access for devices on your network. You can create profiles for individual users and their devices, set internet access schedules, and limit content, ensuring a safe online environment.

Enhanced Profile Based Parental Controls

Create profiles for each user and their devices - set schedules, limit Internet access, and more.



Image: A smartphone interface demonstrating the profile-based parental control features, allowing users to set schedules and manage internet access for specific devices or individuals.

4. MAINTENANCE

4.1 Firmware Updates

The router supports automatic online firmware upgrades to ensure it always has the latest features, security enhancements, and performance improvements. It is recommended to keep your router's firmware updated for optimal operation.

4.2 Cleaning

To maintain proper ventilation and prevent overheating, periodically clean the router's exterior with a soft, dry cloth. Ensure the ventilation slots are free from dust and debris. Do not use liquid cleaners or aerosols.

4.3 Optimal Placement

For the best wireless performance, ensure your router is placed in an open, central location, away from large metal objects, concrete walls, and other electronic devices that may cause interference. Adjust the antennas for maximum coverage.

Extended Coverage



4 high-performance external antennas

deliver stronger Wi-Fi coverage throughout your home.

Image: The D-Link DIR-2640 router positioned in a home environment, illustrating how its four high-performance external antennas contribute to delivering stronger Wi-Fi coverage throughout the entire living space.

5. TROUBLESHOOTING

If you encounter issues with your D-Link DIR-2640 router, consider the following common troubleshooting steps:

- **No Internet Connection:**

- Verify that your modem is working correctly and has an active internet connection.
- Check all Ethernet cable connections between the modem and the router, and between the router and your devices.
- Reboot both your modem and router by unplugging them from power for 30 seconds and then plugging them back in. Wait for them to fully restart.

- **Slow Wi-Fi Speed or Frequent Disconnections:**

- Ensure the router is placed in an optimal location, free from interference.
- Check if too many devices are connected and actively using bandwidth.
- Verify that your router's firmware is up to date.
- Try connecting to the 5 GHz band if your device supports it, as it generally offers higher speeds and less interference.

- **Cannot Access Router Settings:**

- Ensure your device is connected to the router's network (either wired or wirelessly).
- Confirm you are typing the correct address (<http://dlinkrouter.local> or 192.168.0.1) into your web browser.
- Clear your browser's cache or try a different web browser.

- **Forgotten Wi-Fi Password or Admin Password:**

- The default Wi-Fi password is printed on the router's label.
- If you have changed it and forgotten, you may need to perform a factory reset. Locate the 'RESET' button on the back of the router, press and hold it for 10 seconds with a paperclip until the power LED blinks. This will restore all settings to factory defaults, including Wi-Fi and admin passwords. You will then need to reconfigure the router.

6. SPECIFICATIONS

Feature	Detail
Brand	D-Link
Model Name	DIR-2640
Frequency Band Class	Dual-Band (2.4 GHz, 5 GHz)
Wireless Communication Standard	802.11a, 802.11ac, 802.11b, 802.11g, 802.11n
Data Transfer Rate	2600 Megabits Per Second (AC2600)
LAN Port Bandwidth	1000 Mbps (Gigabit)
Number of Ports	5 (1 WAN, 4 LAN)
Connectivity Technology	Ethernet, USB
USB Ports	2
Antenna Location	External (4 high-gain Omni Antennas)
Control Method	Voice (Google Assistant, Alexa), App, Web GUI
Special Feature	Access Point Mode, MU-MIMO, Parental Control
Wi-Fi Generation	Wi-Fi 5
Item Dimensions (L x W x H)	26.7L x 17.1W x 7H Centimeters
Item Weight	635 Grams
Color	Black

7. WARRANTY INFORMATION

The D-Link DIR-2640 router is covered by a 3-year brand warranty. Please note the following conditions:

- Standard Warranty is applicable for products sold by D-Link India Only.
- Warranty Period may vary; refer to the Product Catalogue or D-Link India Website for the most current warranty details.
- Add-on upgrades, modules, and other accessories such as cables, brackets, stands, and external adapters typically carry a 90-day warranty.

Retain your proof of purchase for warranty claims.

8. TECHNICAL SUPPORT

For further assistance, technical support, or detailed product documentation, please visit the official D-Link website or contact D-Link customer service. Contact information for D-Link India Ltd. is available on their official website and in the product packaging.

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