

## Product Highlights

### Wireless AC and Gigabit Ethernet

Stream HD video or make Internet voice calls across your home uninterrupted, using the fastest wired and wireless connectivity options available today

### Dual-band Wi-Fi for Seamless Performance

Access your network via two concurrent wireless bands for seamless performance no matter what you are doing

### Simple, Secure Setup

Set up the DIR-842 in no time with the web-based setup wizard, and create a secure wireless connection easily using Wi-Fi Protected Setup (WPS)



## DIR-842

# AC1200 Wi-Fi Gigabit Router

## Features

### High-Speed Connectivity

- 802.11ac wireless specification delivers blazing fast wireless connectivity with increased range and reliability
- 10/100/1000 Gigabit Ethernet WAN port for speedy Internet access
- Four 10/100/1000 Gigabit Ethernet LAN ports give you high-speed wired connectivity

### Flexible Bandwidth

- Concurrent dual-band wireless for connections up to 1200 Mbps<sup>1</sup>
- QoS engine to prioritize important traffic and deliver uninterrupted bandwidth

### Setup and Management

- Web browser-based setup and configuration
- Setup wizard to guide you through the configuration process
- Firewall and access control options to prevent attacks and restrict access to your network

The DIR-842 AC1200 Wi-Fi Gigabit Router is a powerful wireless networking solution designed for Small Office/Home Office (SOHO) environments. By combining high-speed 802.11ac Wi-Fi specification with dual-band technology and Gigabit Ethernet ports, the DIR-842 provides a seamless networking experience with a high degree of convenience and flexibility for SOHOs. The DIR-842's SOHO-class advanced security features keep data safe from unwanted network intruders. This together with the increased range and reliability of Wireless AC technology, helps provide a safe and secure network for devices farther into your home or office.

## High-Speed Wired and Wireless Connectivity

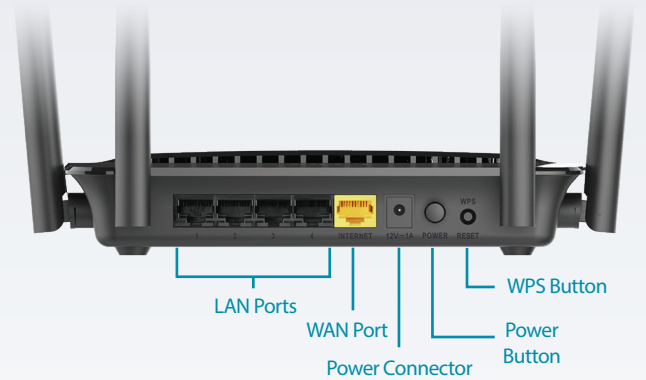
The DIR-842 AC1200 Wi-Fi Gigabit Router upgrades your network to the latest high-speed wireless technology to bring you lightning-fast Wi-Fi speeds of up to 1200 Mbps<sup>1</sup> so you can meet the ever-greater demand for multimedia applications. Enjoy streaming media, Internet phone calls, online gaming, and content-rich web surfing throughout your home or office. In addition, 10/100/1000 Gigabit Ethernet ports give you solid, dependable wired performance for devices such as NAS, media centers and gaming consoles. The built-in Quality of Service (QoS) engine allows you to prioritize important traffic to ensure that your favorite applications are receiving optimal bandwidth.

## Dual Band Wireless for Seamless Performance

The DIR-842 AC1200 Wi-Fi Gigabit Router features dual-band wireless, allowing you to operate two concurrent, high-speed Wi-Fi bands for ultimate wireless performance. Surf the web or make important Internet phone calls on the 2.4 GHz band, while simultaneously streaming digital media on the 5 GHz band. What's more, each band can operate as a separate Wi-Fi network, giving you the ability to customize your network according to your connectivity needs. You can even configure a guest zone to give visitors Internet access without compromising the safety of your SOHO network.

## Easy to Set Up, Easy to Secure

Sharing your Internet connection doesn't have to be a complicated process - just open a web browser to access the setup wizard and follow the easy step-by-step instructions to get started. Implement WPA/WPA2 wireless security in minutes with the wireless network setup wizard, or use Wi-Fi Protected Setup (WPS), which establishes a secure connection to new devices without the need to enter settings or create passwords. In addition, the built-in firewall protects against malicious attacks from the Internet, and access control features allow you to restrict access to your network giving you greater control over network users.



## Technical Specifications

### General

Device Interfaces	<ul style="list-style-type: none"> <li>• IEEE 802.11 ac/n/g/b/a wireless LAN</li> <li>• 10/100/1000 Gigabit Ethernet WAN port</li> </ul>	<ul style="list-style-type: none"> <li>• Four 10/100/1000 Gigabit Ethernet LAN ports</li> </ul>
LEDs	<ul style="list-style-type: none"> <li>• Power</li> <li>• Internet</li> <li>• WLAN</li> </ul>	<ul style="list-style-type: none"> <li>• LAN (x4)</li> <li>• WPS</li> </ul>
Antenna Type	<ul style="list-style-type: none"> <li>• Four external antennas</li> </ul>	
Operating Frequency	<ul style="list-style-type: none"> <li>• 2.4 GHz band: 2400 - 2483.5 MHz</li> </ul>	<ul style="list-style-type: none"> <li>• 5 GHz band: 5150 - 5725 MHz</li> </ul>
Standards	<ul style="list-style-type: none"> <li>• IEEE 802.11ac</li> <li>• IEEE 802.11n</li> <li>• IEEE 802.11g</li> </ul>	<ul style="list-style-type: none"> <li>• IEEE 802.11b</li> <li>• IEEE 802.11a</li> <li>• IEEE 802.3u</li> </ul>
Minimum Requirements	<ul style="list-style-type: none"> <li>• Windows 8/7/Vista or MAC OS X 10.6 or higher</li> <li>• Internet Explorer 9, Firefox 20.0, Chrome 25.0, Safari 5.1, or other Java-enabled browser</li> </ul>	<ul style="list-style-type: none"> <li>• Network interface card</li> <li>• Cable or DSL Modem</li> <li>• Subscription with an Internet service provider</li> </ul>

### Functionality

Security	<ul style="list-style-type: none"> <li>• WPA &amp; WPA2 (Wi-Fi Protected Access)</li> </ul>	<ul style="list-style-type: none"> <li>• WPS (Wi-Fi Protected Setup)</li> </ul>
Advanced Features	<ul style="list-style-type: none"> <li>• Web setup wizard</li> <li>• QoS (Quality of Service)</li> <li>• DMZ (Demilitarized Zone)</li> </ul>	<ul style="list-style-type: none"> <li>• Firewall - Network Address Translation (NAT)</li> <li>• Guest zone</li> <li>• IPv6 ready</li> </ul>

### Physical

Dimensions	<ul style="list-style-type: none"> <li>• 190 x 133 x 38 mm (7.48 x 5.23 x 1.49 inches)</li> </ul>	
Weight	<ul style="list-style-type: none"> <li>• 263.1 g</li> </ul>	
Power Adaptor	<ul style="list-style-type: none"> <li>• Input: 100 to 240V AC, 50/60 Hz</li> </ul>	<ul style="list-style-type: none"> <li>• Output: 12 V, 1 A</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>• Operating: 0 to 40 °C (32 to 104 °F)</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: -20 to 65 °C (-4 to 149 °F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• Operating: 10% to 90% non-condensing</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: 5% to 95% non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>• CE</li> <li>• RoHS</li> <li>• BSMI</li> <li>• NCC</li> </ul>	<ul style="list-style-type: none"> <li>• FCC</li> <li>• D-Link Green</li> <li>• CCC</li> </ul>

# DIR-842 AC1200 Wi-Fi Gigabit Router

Order Information	
<i>Part Number</i>	<i>Description</i>
DIR-842	AC1200 Wi-Fi Gigabit Router

\*Maximum wireless signal rate derived from IEEE Standard 802.11ac and IEEE 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range. Wireless range and speed rates are D-Link relative performance measurements based on the wireless range and speed rates of a standard Wireless G product from D-Link. Maximum throughput based on D-Link 802.11n devices.

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