

## Product Highlights

### Wireless AC Wave 2 Technology

Enjoy combined wireless speeds of up to 1200 Mbps and increased range thanks to 802.11ac Wave 2 wireless technology

### 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 Setup

Set up the DIR-822 in no time with the web-based setup wizard, and create an encrypted wireless connection easily using Wi-Fi Protected Setup (WPS)



## DIR-822

# AC1200 Wi-Fi Router

## Features

### High-Speed Connectivity

- 802.11ac Wave 2 wireless specification delivers blazing fast wireless connectivity with increased range and reliability
- 10/100 Fast Ethernet WAN port for speedy Internet access
- Four 10/100 Fast 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

The DIR-822 AC1200 Wi-Fi Router is a powerful wireless networking solution designed for Small Office/Home Office (SOHO) environments. By combining high-speed 802.11ac Wave 2 Wi-Fi specification with dual-band technology and Fast Ethernet ports, the DIR-822 provides a seamless networking experience with a high degree of convenience and flexibility for SOHOs.

## High-Speed Wired and Wireless Connectivity

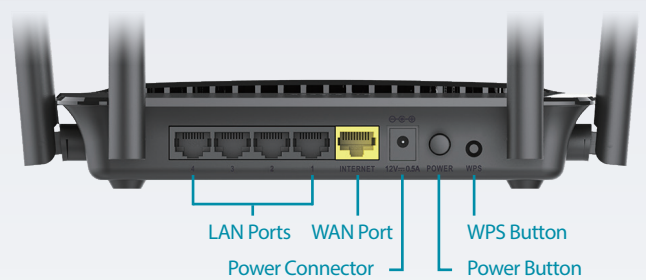
The DIR-822 AC1200 Wi-Fi Router upgrades your network to the latest high-speed wireless technology to bring you lightning-fast Wi-Fi speeds of up to 1200 Mbps<sup>1</sup> so you can meet the ever-greater demand for multimedia applications. Enjoy streaming media, Internet phone calls, online gaming, and content-rich web surfing throughout your home or office. In addition, 10/100 Fast Ethernet ports give you solid, dependable wired performance for devices such as NAS, media centers, and gaming consoles. The built-in easy-to-use Quality of Service (QoS) engine allows you to prioritize important traffic to ensure that your favorite applications are receiving optimal bandwidth.

## 802.11ac Wave 2 for Improved Performance

The DIR-822 AC1200 Wi-Fi Router features the updated 802.11ac Wave 2 specification, which improves on the bandwidth, range, and speed of 802.11ac Wave 1. The new and improved specification increases maximum speeds for the 5 GHz band and adds more channels for higher speeds and less RF interference. This means you can surf the web or make Internet phone calls on the 2.4 GHz band while streaming digital media on the 5 GHz band from another room with minimal lag and stutter. What's more, with MU-MIMO, the router acts like having multiple routers for each device so everyone can stream media simultaneously with even less latency. All this adds up to a better networking experience throughout your SOHO network.

## Easy to Set Up

Sharing your Internet connection doesn't have to be a complicated process - just open a web browser to access D-Link's modern, user-friendly graphical web interface. The setup wizard's easy to use step-by-step instructions will have your network up and running in minutes. Implement WPA/WPA2 wireless encryption in minutes with the wireless network setup wizard, or use Wi-Fi Protected Setup (WPS), which establishes a connection to new devices with the touch of a button.



## 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 Fast Ethernet WAN port</li> </ul>	<ul style="list-style-type: none"> <li>• Four 10/100 Fast 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 - 5250 MHz, 5724 - 5850 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 10/8.1/7/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

Encryption	<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 (9.28 ounces)</li> </ul>	
Power	<ul style="list-style-type: none"> <li>• Input: 100 to 240 V AC, 50/60 Hz</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>• LVD</li> <li>• BSMI</li> <li>• NCC</li> </ul>	<ul style="list-style-type: none"> <li>• FCC</li> <li>• D-Link Green</li> <li>• CSA</li> <li>• CCC</li> </ul>

# DIR-822 AC1200 Wi-Fi Router

Order Information	
<i>Part Number</i>	<i>Description</i>
DIR-822	AC1200 Wi-Fi 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.

Updated 02/21/2018