

Product Highlights

Next Generation Wireless AC

The fastest wireless and wired technology available today, with combined wireless speeds of up to 1,167 Mbps and Gigabit Ethernet

MU-MIMO

Dramatically improves the wireless range, allowing you to minimise lag whilst gaming online, watch 4K movies, transfer files and browse the Internet with more devices, simultaneously

Dual-Band Technology with SmartConnect

Distributes traffic over 2 dedicated Wi-Fi radios for optimised network performance and reliability



DIR-842

Wireless AC1200 MU-MIMO Dual-Band Router

Features

High-Speed Connectivity

- Wave 2 802.11ac with MU-MIMO 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 combined connection speeds of up to 1,167 Mbps¹ (867 Mbps on 5GHz and 300 Mbps on 2.4 GHz)
- QoS engine to prioritise important traffic and deliver uninterrupted bandwidth

Setup and Management

- Web browser-based setup and configuration
- Setup wizard to guide you through the configuration process
- Free QRS (Quick Router Setup) App for iOS and Android for setup on your smartphone or tablet without the need of a computer
- Firewall and access control options to prevent attacks and restrict access to your network

The DIR-842 Wireless AC1200 MU-MIMO Dual-Band Router combines the latest high-speed Wave 2 802.11ac dual-band Wi-Fi with Gigabit Ethernet ports to provide a seamless networking experience. The DIR-842's advanced security features keep data safe from unwanted network intruders, whilst the increased range and reliability of Wireless AC technology allows you to stay connected even under heavy network utilisation or in rooms that have bad wireless signal.

High-Speed Wired and Wireless Connectivity

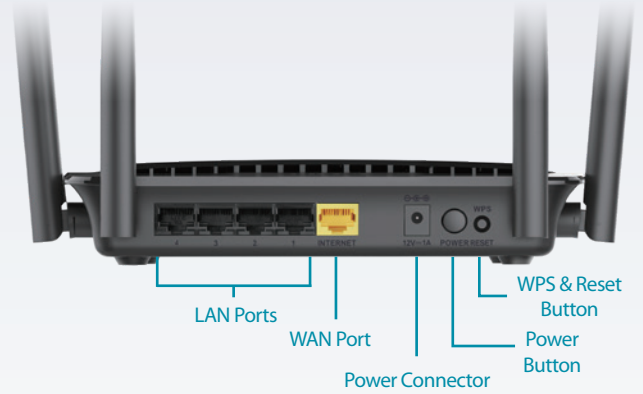
The Wireless AC1200 MU-MIMO Dual-Band Router upgrades your network to the latest high-speed wireless technology to bring you lightning-fast Wi-Fi speeds of up to 1,167 Mbps¹ (867 Mbps on the 5 GHz frequency band and 300 Mbps on the 2.4 GHz frequency band) so you can meet the ever-greater demand from multimedia applications. Featuring Multiple-User MIMO (MU-MIMO) technology, it can send and receive data to and from devices simultaneously to increase speed and efficiency. It is like having multiple routers in your home. 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 smart TVs, gaming consoles and network storage devices. The built-in Quality of Service (QoS) engine allows you to prioritise important traffic to ensure that your favourite applications are receiving optimal bandwidth.

Dual Band Wireless for Seamless Performance

The Wireless AC1200 MU-MIMO Dual-Band Router features dual-band wireless, allowing you to operate two concurrent, high-speed Wi-Fi bands for ultimate wireless performance. Surf the web, chat and play online games on the 2.4 GHz band with your smartphones and computers, while simultaneously streaming digital media on the 5 GHz band on your streaming media players and tablets. What's more, each band can operate as a separate Wi-Fi network, giving you the ability to customise your network according to your connectivity needs. You can even configure a guest zone to give visitors Internet access without giving them access to the rest of your 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. Alternatively, you can download the free QRS (Quick Router Setup) App for iOS or Android to set up directly on your smartphone or tablet without the need of a computer. 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 requires no setup, protecting you 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.



DIR-842 Wireless AC1200 MU-MIMO Dual-Band Router

Technical Specifications

General

Hardware Version	• C1	
Device Interfaces	• IEEE 802.11 ac/n/g/b/a wireless LAN • 10/100/1000 Gigabit Ethernet Internet WAN port	• Four 10/100/1000 Gigabit Ethernet LAN ports
LEDs	• Power • Internet • WLAN	• LAN (x4) • WPS
Antenna Type	• Four external antennas	
Operating Frequency	• 2.4 GHz band: 2400 - 2483.5 MHz	• 5 GHz band: 5150 - 5725 MHz
Standards	• IEEE 802.11ac • IEEE 802.11n • IEEE 802.11g • IEEE 802.3ab	• IEEE 802.11b • IEEE 802.11a • IEEE 802.3u
Minimum Requirements	• Internet Explorer 9, Firefox 20.0, Chrome 25.0, Safari 5.1, or other Java-enabled browser	• Cable/DSL modem or other Internet Service Provider equipment with Ethernet port

Functionality

Security	• WPA & WPA2 (Wi-Fi Protected Access)	• WPS (Wi-Fi Protected Setup)
Advanced Features	• Web setup wizard • QoS (Quality of Service) • DMZ (Demilitarized Zone) • Multicast support	• Firewall - Network Address Translation (NAT) • Guest zone • IPv6 ready

Physical

Dimensions	• 190 x 133 x 38 mm	
Weight	• 288 g	
Power Adaptor	• Input: 100 to 240 V AC, 50/60 Hz	• Output: 12 V, 1 A
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	• Storage: -20 to 65 °C (-4 to 149 °F)
Humidity	• Operating: 10% to 90% non-condensing	• Storage: 5% to 95% non-condensing
Certifications	• CE • RoHS	• FCC • D-Link Green

*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.



For more information: www.dlink.com

D-Link European Headquarters. D-Link (Europe) Ltd., First Floor, Artemis Building, Odyssey Business Park, West End Road, South Ruislip HA4 6QE, United Kingdom. Specifications are subject to change without notice. D-Link is a registered trademark of D-Link Corporation and its overseas subsidiaries. All other trademarks belong to their respective owners. ©2019 D-Link Corporation. All rights reserved. E&OE.

Updated June 2019

D-Link®