D-Link
Building Networks for People

Product Highlights

The Latest Wireless AC Technology

Enjoy combined wireless speeds of up to 750 Mbps and increased range thanks to the latest 802.11ac wireless technology

High-Performance Dual Band Wireless

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

Simple and Secure Setup

Set up the DIR-819 in no time with the web-based setup wizard, and create secure wireless connections easily using Wi-Fi Protected Setup (WPS)

DIR-819

Wireless AC750 Dual Band Router

Features

High-Speed Connectivity

- Uses the latest Wireless AC technology to deliver blazingly fast wireless connectivity with increased range and reliability[1]
- 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 750 Mbps[1]
- QoS engine for prioritizing important traffic and delivering uninterrupted bandwidth

Setup and Management

- Web browser-based setup and configuration
- Intuitive 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-819 Wireless AC750 Dual Band Router is an affordable yet powerful wireless networking solution which combines the latest high-speed 802.11ac Wi-Fi specification with dual band technology and Fast Ethernet ports to deliver a seamless networking experience. The increased range and reliability of wireless AC technology reaches farther into your home, and advanced security features keep your network and data safe from intruders.

Dual Band Wireless AC for Seamless Performance

The DIR-819 Wireless AC750 Dual Band Router gives you lightning-fast Wi-Fi speeds of up to 750 Mbps and increased range. It also uses 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, 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 giving them access to the rest of your network.

High-Speed Wired and Wireless Connectivity

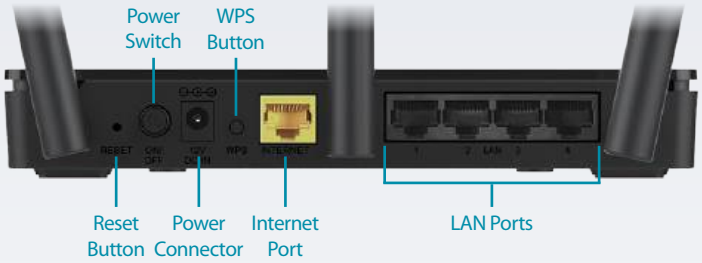
The DIR-819 Wireless AC750 Dual Band Router uses the latest high-speed wireless technology to bring you lightning-fast Wi-Fi speeds of up to 750 Mbps and increased range. Enjoy streaming media, Internet phone calls, online gaming, and content-rich web surfing throughout your home. In addition, four 10/100 Fast Ethernet ports give you solid, dependable wired performance for devices such as 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.

DIR-819 Wireless AC750 Dual Band Router

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.

Back View



Technical Specifications

General		
Device Interfaces	• IEEE 802.11ac/n/g/b/a wireless LAN[1] • 10/100 Fast Ethernet WAN port	• Four 10/100 Fast Ethernet LAN ports
LEDs	• Power • 5 GHz WLAN • 2.4 GHz WLAN	• Internet • WPS
Antenna Type	• Three external antennas	

Data Signal Rate	• 2.4 GHz
	  • Up to 300 Mbps[1]
		• 5 GHz
		  • Up to 433 Mbps[1]

Standards	• IEEE 802.11ac • IEEE 802.11n • IEEE 802.11g	• IEEE 802.11b • IEEE 802.11a • IEEE 802.3u
Minimum Requirements	• Windows 10/8.1/8/7/Vista/XP SP3 or MAC OS X 10.6 or higher • Internet Explorer 9, Firefox 20, Chrome 25, Safari 5.1 or higher	• Wired or Wireless Ethernet network adapter • Cable/DSL modem or other Internet Service Provider equipment with Ethernet port and an active Internet subscription
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)	• Firewall - Network Address Translation (NAT) • Guest zone • IPv6 functionality
Physical		
Dimensions	• 192 x 108 x 30 mm (7.56 x 4.25 x 1.8 inches)	
Weight	• 240 grams (8.5 ounces)	
Power	• Input: 100 to 240 V AC, 50/60 Hz	• Output: 12 V DC, 0.5 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	• FCC • IC • UL	• Wi-Fi • WPS

DIR-819 Wireless AC750 Dual Band Router

Order Information	
Part Number	*Description*
DIR-819	Wireless AC750 Dual Band Router

[1] Maximum wireless signal rate derived from IEEE 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 product from D-Link. Maximum throughput based on D-Link 802.11ac devices.

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