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Wireless AC

Product Highlights

Wireless AC1750 and Gigabit Ethernet

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

Latest Antenna Technology

Antennas with signal amplifiers will send multiple Wi-Fi streams for a reliable connection, unparalleled performance and extreme coverage throughout your home

Dual-Band Wi-Fi for Seamless Performance

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

DIR-869
EXO AC1750 Wi-Fi 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 combined connection speeds of up to 1750 Mbps[1] (1300 Mbps on 5GHz and 450 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-869 EXO AC1750 Wi-Fi Router brings a host of new technologies to create the best wireless networking experience to date. Gigabit wireless connectivity of up to 1750 Mbps (up to 1300 Mbps 5 GHz Wireless AC + up to 450 Mbps 2.4 GHz Wireless N)[1] allowing you to create a blazing fast home network that connects all of your computers, game consoles, 3D/4K video capable set top boxes, smart TVs and mobile devices to your broadband Internet connection.

More Power, More Antennas, More Coverage

The DIR-869 features our latest antenna technology, sending multiple Wi-Fi streams for a reliable connection, unparalleled performance and extreme coverage throughout your home. The DIR-869's superior design allows you to enjoy full motion, high definition video calls on your mobile device while moving from room to room in your home. Featuring a 3x3 MIMO antenna configuration, the DIR-869 offers better data rates, fewer dead-spots, more coverage and increased reliability. You can even use it as a Wi-Fi range extender to further increase your existing wireless coverage[2].

High Speed Wired Gigabit Ethernet Connectivity

With 10 times the speed of Fast Ethernet, the DIR-869's Gigabit Ethernet WAN and LAN ports provide an unbelievable amount of bandwidth allowing you to send more data to more locations without delay. The DIR-869 lets you copy files in a flash, connect more high resolution home surveillance cameras, save more digital photos and longer HD video to network attached servers (NAS), or run a personal Internet cloud server, all while streaming multiple high resolution 4K video streams.

Easy to Set Up and Use

Get the DIR-869 up and running in no time right from your couch using the QRS (Quick Router Setup) Mobile application on your smartphone or tablet. Simply plug in the router, open the application, and follow a few easy steps to get your home network connected without having to touch a computer. You can also set up a secure network with the touch of a button using Wi-Fi Protected Setup (WPS) or use the built-in web-based configuration utility.

Technical Specifications

General

Connectivity	• IEEE 802.11 ac/n/g/b/a wireless LAN • 10/100/1000 Gigabit Ethernet WAN port	• Four 10/100/1000 Gigabit Ethernet LAN ports
Device Interfaces	• LED Indicator • Mode Switch[2] (Router/Extender) • Power Button	• WPS Button • Reset Button
Antenna Type	• Four Adjustable External Antennas	• 3x3 MIMO Antenna Configuration
Operating Frequencies	• 2.4 GHz Band: 2400 - 2483.5 MHz	• 5 GHz Band: 5150 - 5725 MHz

Data Signal Rate	• 2.4 GHz
	  • 450 Mbps[1]
		• 5 GHz
		  • 1300 Mbps[1]

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 11, Firefox 20, Safari 7, or Chrome 25 or higher version with Java installed and enabled • Wired or Wireless Network interface card	• 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) • Firewall - Network Address Translation (NAT)	• Guest zone • DMZ (Demilitarized Zone)

Physical

Dimensions	• 221.52 x 160.15 x 60.36 mm (8.72 x 6.30 x 2.38 inches)	
Weight	• 432 g (15.24 ounces)	
Power Adaptor	• Input: 100 to 240 V AC, 50/60 Hz	• Output: 12 V, 1.5 A
Temperature	• Operating: 0 to 40 ℃ (32 to 104 ℉)	• Storage: -20 to 65 ℃ (-4 to 149 ℉)
Humidity	• Operating: 10% to 90% non-condensing	• Storage: 5% to 95% non-condensing
Certifications	• FCC • CE • IC • CCC • BSMI	• NCC • CSA international • WMM-PS • WPS • Wi-Fi Certified

[1] 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.

[2] Extender Mode Access Point functionality available at launch, additional functionality available via firmware update in Q2 2016.

For more information: www.dlink.com

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