D-Link®
Home is where the SMART is

Wireless AC

Product Highlights

Wireless AC1900 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 Technology with SmartConnect

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

DIR-879
EXO AC1900 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 1900 Mbps[1] (1300 Mbps on 5GHz and 600 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-879 EXO AC1900 Wi-Fi Router brings a host of new technologies to create the best wireless networking experience to date. Gigabit wireless connectivity of up to 1900 Mbps (up to 1300 Mbps 5 GHz Wireless AC + up to 600 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. AC SmartBeam™ technology brings you the future of high-bandwidth wireless connectivity, further increasing the speed and coverage of your network.

More Power, More Antennas, More Coverage

The DIR-879 features our latest antenna technology, sending multiple Wi-Fi streams for a reliable connection, unparalleled performance and extreme coverage throughout your home. The DIR-879'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 3x4 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].

Hassle-Free D-Link Smart Connect Technology

D-Link's Smart Connect Technology eliminates the need to manually choose which frequency band to connect to get the best performance. It automatically distributing devices between the 2.4GHz and 5GHz bands to optimise the wireless network. Simply initiate a connection to the DIR-879 and its advanced algorithms will determine the best network for your device to connect to, thereby ensuring a faster, more reliable and hassle-free experience for all of your friends and family.

Easy to Set Up and Use

Get the DIR-879 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[3] (Router/Extender) • Power Button	• WPS Button • Reset Button
Antenna Type	• Four Adjustable External Antennas	• 3x4 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
	  • 600 Mbps[2]
		• 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	• Smart Connect • Web setup wizard • QoS (Quality of Service)	• Firewall - Network Address Translation (NAT) • Guest zone • DMZ (Demilitarized Zone)

Physical

Dimensions	• 219.67 x 199.45 x 73.55 mm (8.65 x 7.85 x 2.90 inches)	
Weight	• 539.7 g (19.04 ounces)	
Power Adaptor	• Input: 100 to 240 V AC, 50/60 Hz	• Output: 12 V, 2 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 • 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 may 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] Up to 600 Mbps data-rate with 256 QAM compatible wireless client.

[3] Extender mode requires future firmware update, expected availability in Q1 2016.

For more information: www.dlink.com

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