



Dual Band



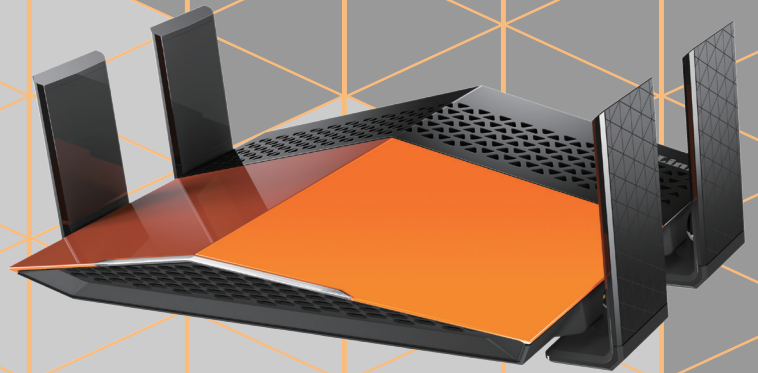
SmartConnect

High Power  
Amplifier

Gigabit Ethernet



Dual Core

BEAM  
Smart Beam  
Forming

DIR-879

# AC1900 Wi-Fi Router

## Features

### Connectivity

- Advanced Wireless AC beamforming dramatically enhances wireless signal strength and throughput
- Dual-Band Wireless (one 2.4GHz and one 5GHz band) for faster HD streaming
- 802.11 a/g/n/ac wireless LAN for a complete range of wireless compatibility
- Gigabit WAN and LAN ports for high-speed wired connections

### High-Power Amplifier

- Wider coverage throughout your home with 1,000mW amplifiers

### SmartConnect

- Band steering automatically balances wireless devices among the two wireless bands

### Intelligent QoS

- Device optimization delivers seamless performance for your applications

### Security

- WPA & WPA2 wireless encryption protects the network from intruders
- Wi-Fi Protected Setup (WPS) securely adds devices to your network at the push of a button

## Overview

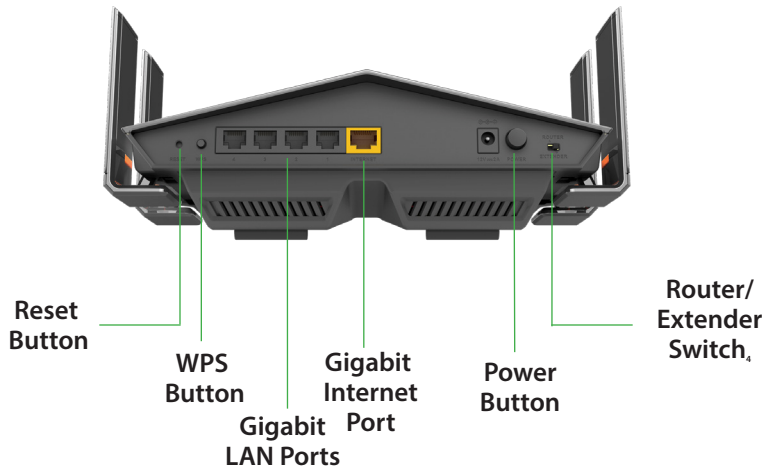
The AC1900 Wi-Fi Router (DIR-879) comes with high power signal amplifiers that will deliver extreme Wi-Fi coverage to all your Wi-Fi devices. With wireless dual band speeds of 600Mbps and 1300Mbps, a dual core processor and SmartConnect technology, the DIR-879 avoids interference to deliver the fastest wireless speeds, improved coverage and reliable connections. The DIR-879 also comes with a new user interface so controlling your network is easier than ever. You can get online in minutes with the Quick Router Setup (QRS) app. The DIR-879 is a robust router solution that will give you a better signal throughout your home.

## Dual Band Advantage

The AC1900 Wi-Fi Router delivers dual band performance for intelligent, versatile, interference-free bandwidth. Check your email and surf the Internet on the 2.4GHz band; and game, make Skype calls and stream HD movies to multiple devices using the cleaner, interference-free 5GHz band. Whatever you like to do online, dual band has you covered.

## High Power Signal Amplifiers

With its built-in high-power 1,000mW signal amplifiers and AC technology you can enjoy wireless coverage throughout your home. Watch videos in an upstairs room, Skype from your home office, or browse and stream from your couch – with the DIR-879 you can connect wherever and however you want.



## Technical Specifications

### General

Device Interfaces	<ul style="list-style-type: none"> <li>• 802.11 a/g/n/ac wireless LAN</li> <li>• Dual-Band (one 2.4GHz and one 5GHz band)</li> </ul>	<ul style="list-style-type: none"> <li>• 10/100/1000 Gigabit WAN Port</li> <li>• Four 10/100/1000 Gigabit LAN Ports</li> </ul>
Standards	<ul style="list-style-type: none"> <li>• IEEE 802.11ac</li> </ul>	
Minimum System Requirements	<ul style="list-style-type: none"> <li>• Windows® 10, 8.1, Windows® 8, Windows® 7 , or Mac OS® X (v10.7)</li> <li>• Ethernet Network Interface</li> <li>• Internet Explorer® 11, Mozilla® Firefox® v28, Google Chrome v33, or Safari v7</li> </ul>	<ul style="list-style-type: none"> <li>• For optimal performance, pair the DIR-879 with an AC adapter (DWA-192)</li> <li>• Cable, DSL or Fiber Optics</li> </ul>
<b>Functionality</b>		
Advanced Features	<ul style="list-style-type: none"> <li>• SmartConnect</li> <li>• Guest Zone</li> <li>• Multi-language web setup wizard</li> <li>• Green Ethernet</li> <li>• DLNA media server support</li> <li>• Advanced AC SmartBeam</li> </ul>	<ul style="list-style-type: none"> <li>• Dual active firewall                             <ul style="list-style-type: none"> <li>• Network Address Translation (NAT)</li> <li>• Stateful Packet Inspection (SPI)</li> </ul> </li> <li>• VPN Passthrough (PPTP/L2TP/IPsec)</li> <li>• Advanced QoS</li> <li>• Quick VPN - L2TP over IPsec</li> <li>• Extender Mode<sup>7</sup></li> </ul>
Mobile App Support	<ul style="list-style-type: none"> <li>• QRS Mobile v1.5</li> </ul>	
Mobile App Requirements	<ul style="list-style-type: none"> <li>• QRS Mobile app requires iOS4.3 or Android™ 2.3.3, or higher</li> </ul>	
Wireless Security	<ul style="list-style-type: none"> <li>• WPA &amp; WPA2 (Wi-Fi Protected Access)</li> </ul>	<ul style="list-style-type: none"> <li>• Wi-Fi Protected Setup (WPS) PIN/PBC</li> </ul>
Firewall	<ul style="list-style-type: none"> <li>• SPI (Stateful Packet Inspection)</li> </ul>	<ul style="list-style-type: none"> <li>• NAT (Network Address Translation)</li> </ul>

Technical Specifications Continued	
Physical	
Dimensions	• 7.9 x 9.5 x 3.5 inches
Power	• Input: 100 to 240 V AC, 50/60 Hz • Output: 12 V DC, 1.5A
Temperature	• Operating: 32 to 104 °F • Storage: -4 to 149 °F
Humidity	• Operating: 0% to 90% non-condensing • Storage: 5% to 95% non-condensing
Certifications	• FCC Class B • Wi-Fi Certified • IPv6 Ready
Package Contents	
What's Inside	<ul style="list-style-type: none"> <li>• Wireless AC1900 Wi-Fi Router</li> <li>• Quick Installation Guide<sup>2</sup></li> <li>• Power Adapter</li> <li>• Ethernet Cable</li> <li>• Wi-Fi Configuration Card</li> </ul>
Warranty	
Warranty	• 1-Year Limited Warranty <sup>3</sup>
Order Information	
<i>Part Number</i>	<i>Description</i>
DIR-879	• AC1900 Wi-Fi Router

<sup>1</sup> Maximum wireless signal rate derived from IEEE standard 802.11ac specifications which are subject to change. 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.

<sup>2</sup> Latest software and documentation are available at <http://support.dlink.com>.

<sup>3</sup> 1-Year Limited Warranty available only in the USA at <http://support.dlink.com/warranty>

<sup>4</sup> Extender mode requires future firmware to enable

## For more information

U.S.A. | 17595 Mt. Herrmann Street | Fountain Valley, CA 92708 | 800.326.1688 | [dlink.com](http://dlink.com)

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