



MU-MIMO⁴



Dual-Core Processor



Dual-Band



BEAM

AC SmartBeam



3 x 3 Streaming



Intelligent QoS



AC1900 MU-MIMO Wi-Fi Router

Features

Connectivity

- Advanced Wireless AC beamforming enhances wireless signal strength and throughput
- 802.11 a/g/n/ac wireless LAN for a complete range of wireless compatibility
- Band steering automatically balances wireless clients among the two wireless bands connections
- Gigabit WAN and LAN ports for high-speed wired

QoS

- Tracks the type of network traffic (HD media streaming, web surfing, online gaming) and lets you decide which devices deserve higher priority

Security

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

Overview

The AC1900 MU-MIMO Wi-Fi Router delivers premium performance for today's most demanding tasks: HD streaming, gaming, and multiple device usage. It comes packed with speeds of up to 1,900 Mbps¹ (600 Mbps in 2.4GHz + 1,300 Mbps in 5GHz), a high-performance dual-core processor, AC SmartBeam Technology, Intelligent Quality of Service (QoS) with traffic prioritization, four high-performance external antennas for maximum range, a new user interface, Smart Connect and with an easy setup. The DIR-878 is the perfect combination of performance and ease of use.

Superior data rates, range and reliability

The AC1900 Wi-Fi Router comes with a 3x3 data streams which can support faster Wi-Fi speeds. These streams can be combined through beamforming and MU-MIMO to increase reliability and range. This 3x3 AC router is the latest in AC technology, delivering independent data streams to devices on the network for speeds of up to 1,900 Mbps. The AC1900 helps provide the best overall performance to single devices that require high bandwidth such as video streaming or online gaming.

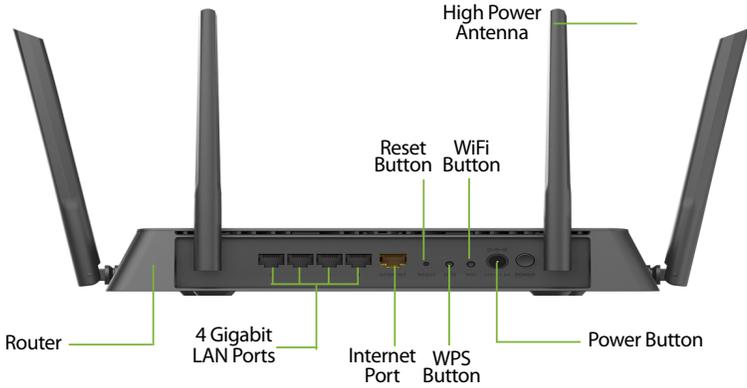
MU-MIMO Technology⁴

The DIR-878 is designed to support MU-MIMO (Multi-User Multiple Input Multiple Output) technology that allows multiple devices to get high-bandwidth Wi-Fi signal at the same time. You can stream HD media faster and play lag-free gaming. Compared to SU-MIMO (Single-User Multiple Input Multiple Output) technology, MU-MIMO distributes data more efficiently, giving you the fastest Wi-Fi speeds in your home.

High-performance antennas

The DIR-878 also comes with four high-performance antennas to deliver maximum range around your home and yard.

AC 1900 MU-MIMO Wi-Fi Router



Technical Specifications	
General	
Device Interfaces	<ul style="list-style-type: none"> • 802.11 a/g/n/ac wireless LAN • Four 10/100/1000 Gigabit LAN Ports
Standards	<ul style="list-style-type: none"> • IEEE 802.11ac
Minimum System Requirements	<ul style="list-style-type: none"> • Windows® 10, 8.1, Windows®8, Windows® 7 , or Mac OS® X (v10.7) • Ethernet Network Interface • Internet Explorer® 11, Mozilla® Firefox® v28, Google Chrome v33, or Safari v7 • For optimal performance, pair the DIR-878L with an AC adapter (DWA-192/DWA-182) • Cable, DSL or Fiber Optics
Functionality	
Advanced Features	<ul style="list-style-type: none"> • Guest Zone • Advanced AC SmartBeam • Dual Active Firewall (IPv4/IPv6) • Stack Network Address Translation (NAT) • Stateful Packet Inspection (SPI) • VPN Passthrough / Multi-Session PPTP/L2TP/IPSec • Multi-language web setup wizard • Green Ethernet • Intelligent QoS • Quick VPN-L2TP over IPSec
Wireless Security	<ul style="list-style-type: none"> • WPA & WPA2 (Wi-Fi Protected Access) • Wi-Fi Protected Setup (WPS) PIN/PBC

Technical Specifications Continued	
Physical	
Dimensions	• 10 x 7 x 1.75 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"> • Wireless AC1900 MU-MIMO Wi-Fi Router • Quick Installation Guide² • Power Adapter • Ethernet Cable • Wi-Fi Configuration Card
Warranty	
Waranty	• 1-Year Limited Warranty ³
Order Information	
<i>Part Number</i>	<i>Description</i>
DIR-878	• AC1900 MU-MIMO Wi-Fi Router

¹ 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.

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

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

⁴ Multi-User MIMO (MU-MIMO) enabled clients needed for optimal performance.

For more information

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