



MU-MIMO⁴



Dual-Core Processor



Dual-Band



BEAM

AC SmartBeam

4x4

4 x 4 Streaming



160MHz
80/160 MHz Enabled⁵



AC2600 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
- 80/160 MHz support- double bandwidth for 4K HD streaming and online gaming
- Band steering automatically balances wireless clients among the two wireless bands connections
- Gigabit WAN and LAN ports for high-speed wired
- One USB 3.0 and one USB 2.0 Ports to connect storage drives and printers for sharing

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 AC2600 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 2,533 Mbps¹ (800 Mbps in 2.4GHz + 1,733 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-882 is the perfect combination of performance and ease of use.

Superior data rates, range and reliability

The AC2600 Wi-Fi Router comes with a 4x4 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 4x4 AC router is the latest in AC technology, delivering independent data streams to devices on the network for speeds of up to 2,533 Mbps. The AC2,600 helps provide the best overall performance to single devices that require high bandwidth such as video streaming or online gaming.

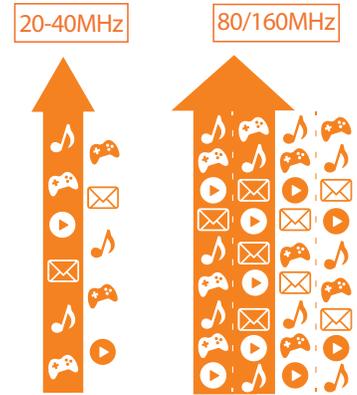
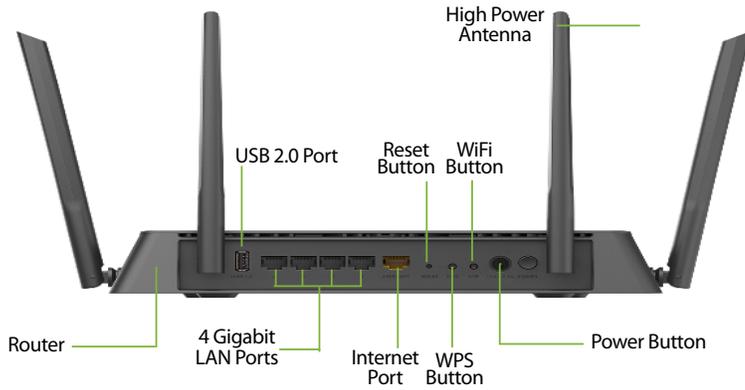
MU-MIMO Technology⁴

The DIR-882 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.

80/160 MHz Support⁵

The DIR-882 is 80/160 MHz enabled. It doubles the bandwidth, optimizing the intense data transferring. Ideal for 4K HD streaming and online gaming.

AC 2600 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 	<ul style="list-style-type: none"> • USB 2.0 • USB 3.0
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 	<ul style="list-style-type: none"> • For optimal performance, pair the DIR-882L with an AC adapter (DWA-192/DWA-182) • Cable, DSL or Fiber Optics
Functionality		
Advanced Features	<ul style="list-style-type: none"> • Guest Zone • mydlink SharePort™ Plus web access • DLNA media server support • Advanced AC SmartBeam • Dual Active Firewall (IPv4/IPv6) • Stack Network Address Translation (NAT) • Stateful Packet Inspection (SPI) 	<ul style="list-style-type: none"> • VPN Passthrough / Multi-Session PPTP/L2TP/IPSec • Multi-language web setup wizard • Green Ethernet • Intelligent QoS • Quick VPN-L2TP over IPSec
Mobile App	<ul style="list-style-type: none"> • QRS app 	
Wireless Security	<ul style="list-style-type: none"> • WPA & WPA2 (Wi-Fi Protected Access) 	<ul style="list-style-type: none"> • 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, 2.5A
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 AC2600 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-882-US	• AC2600 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.

⁵ 160 MHz Support may require a further firmware update.

For more information

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