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Product Specification Sheet

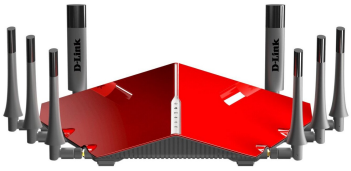
NE-DiR895L

D-Link DiR-895L Wireless AC5300 Tri-Band Gigabit Router

Product Overview

D-Link DiR-895L Wireless AC5300 Tri-Band Gigabit Router - with 8x high powered MU-MiMo antenna, 1.4Ghz dual core processor, AC smartbeam, router/extender mode , 2.4+5+5Ghz Tri-band, (802.11b/g/N/ AC) 5300Mbps (1000+2166+2166) wireless router with 4 port Gigabit switch + built-in USB 2.0+USB 3.0 shareport for storage or printer - 4Tx4R, 8x external antenna







Specifications

About this product

The D-Link DIR-895L AC5300 MU-MIMO Ultra Wi-Fi Router is a high-performance tri-band wireless router with up to 5332 Mbps combined wireless speed, a 1.4 GHz dual-core processor, 4x4 data streams, MU-MIMO, Advanced AC SmartBeam and 8 detachable external antennas. It provides 1 x Gigabit WAN, 4 x Gigabit LAN, 1 x USB 2.0 and 1 x USB 3.0 for fast wired networking and device sharing. Buy now for a powerful home or office networking solution.

Overview Summary

D-Link DIR-895L AC5300 Tri-Band MU-MIMO Router: The DIR-895L is designed for demanding home and office networks requiring high wireless capacity and reliable connectivity across multiple devices. Its simultaneous tri-band configuration combines 1000 Mbps on 2.4 GHz with 2167 Mbps on each of two 5 GHz bands, delivering up to 5332 Mbps combined

wireless speed under optimal conditions.

The router uses a 1.4 GHz dual-core processor, 4x4 data streams, MU-MIMO and Advanced AC SmartBeam technology to help distribute wireless bandwidth efficiently and improve connection performance. Eight detachable omni-directional antennas provide wireless coverage, while SmartConnect can allocate devices to an appropriate wireless band.

For wired connectivity, the DIR-895L provides 1 x Gigabit Ethernet WAN port and 4 x Gigabit Ethernet LAN ports. USB 2.0 and USB 3.0 SharePort connectivity supports compatible storage and printer sharing, while router and wireless extender modes provide additional network configuration flexibility.

Performance tier: High-performance AC5300 tri-band router

Uses:4K video streaming, online gaming, high-device-count home networks, office networking, wireless file access, printer sharing, wireless network extension

Overview

The D-Link AC5300 Ultra Wi-Fi Router (DIR-895L/R) delivers the ultimate performance customers are expecting today for the most demanding tasks, like 4K video streaming, gaming and multiple device usage.

Description

The D-Link DIR-895L AC5300 MU-MIMO Ultra Wi-Fi Router is built for users who need substantial wireless capacity for multiple connected devices. Its tri-band architecture operates simultaneously across one 2.4 GHz band and two 5 GHz bands, with rated wireless speeds of 1000 Mbps on 2.4 GHz and 2167 Mbps on each 5 GHz band.

A 1.4 GHz dual-core processor provides processing power for networking and connected-device tasks. The 4x4 data stream design and MU-MIMO technology allow the router to communicate with multiple compatible devices at the same time. Advanced AC SmartBeam focuses wireless signals towards connected devices to help improve wireless connection performance.

The DIR-895L features eight detachable omni-directional external antennas. Its SmartConnect functionality can allocate devices to suitable wireless bands, helping to make effective use of the available tri-band capacity. This makes the router suitable for households and workspaces with several smartphones, computers, smart devices, media devices and other network clients.

For wired connections, the router includes 1 x Gigabit Ethernet WAN port and 4 x Gigabit Ethernet LAN ports. USB connectivity includes 1 x USB 2.0 port and 1 x USB 3.0 port, supporting SharePort functions for compatible storage and printer sharing. The router can also operate in wireless extender mode where this configuration is required.

The DIR-895L supports IEEE 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac wireless standards. Security and networking features include WPA and WPA2 wireless security, WPS, guest zone functionality, NAT, SPI firewall, VPN passthrough and advanced QoS.

Features

The DIR-895L combines high wireless capacity, multiple networking technologies and flexible connectivity for demanding connected environments.

- AC5300 tri-band wireless: Combines 1000 Mbps on 2.4 GHz with 2167 Mbps on each of two 5 GHz bands.
- MU-MIMO technology: Supports high-bandwidth wireless communication with multiple compatible devices simultaneously.
- 1.4 GHz dual-core processor: Provides processing capability for networking, wireless and connected-device functions.
- 4x4 data streams: Supports four simultaneous wireless data streams for increased throughput.
- Advanced AC SmartBeam: Helps focus wireless signals towards connected devices.
- SmartConnect: Helps allocate wireless devices to an appropriate available frequency band.
- 8 detachable antennas: Eight external omni-directional antennas are designed to support wireless coverage and signal

stability.

- Gigabit Ethernet: Includes 1 x Gigabit WAN port and 4 x Gigabit LAN ports for high-speed wired networking.
- USB SharePort: Provides 1 x USB 2.0 and 1 x USB 3.0 ports for compatible storage and printer sharing.
- Router and extender functionality: Supports wireless extender mode as well as standard router operation.
- Advanced QoS: Provides traffic management functionality for network applications.
- Guest zone: Allows a separate guest wireless network to be configured.
- Wireless security: Supports WPA, WPA2 and Wi-Fi Protected Setup.

Tri-Band for the entire family
The DIR-895L/R delivers breakthrough tri-band Wi-Fi technology with amazing combined wireless speeds of up to 5,332Mbps (1,000 Mbps in 2.4GHz + 2,166 Mbps in 5GHz + 2,166 Mbps in 5GHz). Thanks to 4x4 data streams, that can be combined through beamforming and MU-MIMO technology to increase reliability and range. The entire family can now enjoy 4K streaming and gaming on multiple devices without any lag.

The ultimate Wi-Fi Coverage.
Eight high-performance external antennas and high-power amplifiers will deliver improved Wi-Fi range and signal stability throughout your home. You'll connect to your devices faster and no more dead zones.

Multi-User MIMO (MU-MIMO)
The DIR-895L/R is designed to support MU-MIMO technology that allows multiple devices to get high-bandwidth Wi-Fi signal at the same time, distributing data more efficiently, giving you the fastest Wi-Fi speeds in your home. You can stream HD media faster, transfer large files really fast and play lag-free gaming.

More Processing Power
Want a powerful high-performance processor that can handle multiple tasks at incredible speeds A dual-core processor boosts multitasking computing power and improves throughput speeds for all of your applications.

Smart Connect
Not all Wi-Fi bands are the same, but you don't need to worry about that. With Smart Connect Technology, the ULTRA Wi-Fi Router chooses from the three Wi-Fi bands and automatically connects each device on your network to the best, clearest band available for the best connection every time.

Smart Beam Forming
Improves coverage by directing bandwidth to your devices as you move around your home. You can stream HD video, surf the web, skype your friends and play online games from wherever you are so you'll always get the best experience.

New User Interface
Controlling your network by enabling parental controls, blocking unwanted devices, monitoring internet activity and creating Wi-Fi guest networks is easier than ever with our new interface.

Really fast wired performance
Connect up to 4 wired devices and enjoy the best online experience for HD Streaming and Gaming

DD-WRT Open Source
The D-Link AC5300 Wi-Fi Router (DIR-895L/R) provides a responsive graphical user interface for an exceptional experience right out of the box. Advanced users have the option to utilize Open Source firmware to modify their router further. The DIR-895L/R router supports the DD-WRT OpenSource, Linux-based operating system offering additional customization and features.

11AC Wi-Fi
World's fastest Wi-Fi speeds of up to 1,000Mbps (2.4GHz) + 2,167Mbps (5Ghz) + 2,167Mbps (5Ghz).

1.4 GHz Processor
Fast and reliable wireless, Ethernet and USB performance.

Gigabit Ethernet Ports
Ensures the best wired online experience for HD streaming and gaming.

Whole-Home Coverage
High power amplifiers extend wireless range further than with Wireless N.

High-Powered Antennas
4 external antennas amplify wireless signal.

Traffic Prioritization
Advanced QoS engine guarantees the best performance for high priority programs, games and video streaming.

Tri-Band Technology
Decreases wireless interference and congestion, allowing you to connect more devices.

Band Steering
Automatically assigns devices to the less crowded 5 GHz network to increase bandwidth efficiency and availability.

Advanced AC SmartBeam
Unique beamforming technology dramatically enhances wireless signal strength and range.

Airtime Fairness
Automatically adjusts data rates to avoid network lag when slower devices connect.

DLNA Enabled (Compatible)
Play and share your media on any DLNA devices, such as TVs, gaming consoles, smartphones and more.

3.0 USB Ports
One USB 3.0 port with speeds up to 10x faster than 2.0.

mydlink SharePort App
Remotely stream and share movies, music, pictures and more from your connected USB hard drive.

SharePort Utility
Access and share a USB printer, scanner or storage device over your home network.

Easy To Install
Installation wizard manually walks you through setup in minutes.

Quick Router Setup (QRS) App
Easy setup app for smartphones and tablets.

mydlink Lite App
Free mobile app with ability to monitor, control & troubleshoot your home network.

WPS Push Button Setup
Quickest method of connecting devices with the push of a button.

Zero Configuration

Once router is setup, other D-Link Zero Configuration devices can easily and instantly connect.

L2TP Over IPSec VPN Server Support
Transmit data securely when connected remotely.

Parental Controls
Create online access schedules and block/allow specific websites and/or devices.

Guest Wi-Fi Network
Enable a public or encrypted wireless guest network to secure and control access to local network devices.

Secure Wi-Fi Encryption
WPA/WPA2 provides highest level of wireless security.

What's in the Box

- D-Link DIR-895L AC5300 MU-MIMO Ultra Wi-Fi Router
- 8 x detachable external antennas
- Power adapter
- Ethernet cable
- Wi-Fi configuration card

Specifications

General	
Device Interfaces	802.11 a/g/n/ac wireless LAN
	Four 10/100/1000 Gigabit LAN Ports
	Tri-Band (one 2.4GHz and two 5GHz bands)
	10/100/1000 Gigabit WAN Port
	Two USB Ports (one USB 3.0 and one USB 2.0)
Standards	IEEE 802.11ac
Minimum System Requirements	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-895L with an AC adapter (DWA-192)
	Cable, DSL or Fiber Optics
Functionality	

Advanced Features	SmartConnect
	Guest Zone
	mydlink SharePortTM web access
	Multi-language web setup wizard
	Green Ethernet
	DLNA media server support
	Advanced AC SmartBeam
	Dual active firewall
	Network Address Translation (NAT)
	Stateful Packet Inspection (SPI)
	VPN Passthrough (PPTP/L2TP/IPsec)
	Advanced QoS
	Quick VPN - L2TP over IPsec
	Extender Mode7
mydlinkR Lite Mobile App Features	Remote Management Block/unblock client network access
	View current upload/download bandwidth Manage wireless network details
	View currently connected clients Accessible through a web browser, iOS or Android
mobile app	View web browsing history per client
Mobile App Support	mydlink lite
	QRS Mobile v1.5
	mydlink SharePort
Mobile App Requirements	mydlink Lite app requires iOS4.3 or AndroidTM 1.6, or higher
	QRS Mobile app requires iOS4.3 or AndroidTM 2.3.3, or higher
	mydlink SharePort app requires iOS 4.3 or AndroidTM 2.3.3, or higher
Wireless Security	WPA & WPA2 (Wi-Fi Protected Access)
	Wi-Fi Protected Setup (WPS) PIN/PBC
Firewall	SPI (Stateful Packet Inspection)
	NAT (Network Address Translation)
Physical Dimensions	10.34 x 16.43 x 5.89 inches
Power	Input: 100 to 240 V AC, 50/60 Hz Output: 12 V DC, 5A
Temperature	Operating: 32 to 104 degreesF
	Storage: -4 to 149 degreesF
Humidity	Operating: 0% to 90% non-condensing
	Storage: 5% to 95% non-condensing

Certifications	FCC Class B
	Wi-Fi Certified
	DLNA2
	IPv6 Ready
Package Contents	
What's Inside	Wireless AC5300 Ultra Wi-Fi Router
	Quick Installation Guide3
	Power Adapter
	Ethernet Cable
	Wi-Fi Configuration Card

FAQ

What wireless speeds does the D-Link DIR-895L support?

The DIR-895L supports up to 1000 Mbps on its 2.4 GHz band and up to 2167 Mbps on each of its two 5 GHz bands, for a combined rated wireless speed of up to 5332 Mbps.

Is the D-Link DIR-895L a tri-band router?

Yes. The DIR-895L is a simultaneous tri-band router with one 2.4 GHz band and two 5 GHz bands.

Does the DIR-895L support MU-MIMO?

Yes. MU-MIMO technology allows the router to provide high-bandwidth wireless connectivity to multiple compatible devices at the same time.

How many Ethernet ports does the DIR-895L have?

The router has 1 x Gigabit Ethernet WAN port and 4 x Gigabit Ethernet LAN ports for wired network connections.

Does the DIR-895L have USB ports?

Yes. It has 1 x USB 2.0 port and 1 x USB 3.0 port. These support SharePort functions for compatible storage and printer sharing.

Can the DIR-895L be used as a wireless extender?

Yes. The DIR-895L supports wireless extender mode in addition to standard router operation.

How many antennas does the D-Link DIR-895L have?

The DIR-895L has 8 detachable omni-directional external antennas.

Is the DIR-895L suitable for gaming and 4K streaming?

The DIR-895L is designed for demanding applications including gaming, 4K video streaming and networks with multiple connected devices. Its AC5300 tri-band design, MU-MIMO, 4x4 data streams, Gigabit Ethernet and Advanced AC SmartBeam support these types of network workloads.

What wireless standards does the DIR-895L support?

The router supports IEEE 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac wireless standards.

What are the dimensions and weight of the DIR-895L?

The router measures 417.73 x 262.72 x 149.6 mm and weighs 1.173 kg.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx.co.za/NE-DiR895L-D-Link-DiR-895L-Wireless-AC5300-Tri-Band-Gigabit-Router-p-164645.php

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