

Product Highlights

Wireless AC and Gigabit Ethernet

Get up to speed with Gigabit broadband for high-bandwidth applications such as HD and 4K video streaming anywhere in your home

Dual-band Wi-Fi for Seamless Performance

Two concurrent wireless networks for higher bandwidth, improved range, and backward compatibility

Simple Setup

Get step-by-step setup instructions using the free mobile app to quickly set up your router, and simply press the WPS button for hassle-free connections.



DIR-853

AC1300 MU-MIMO Wi-Fi Gigabit Router

Features

Connectivity

- 802.11ac wireless specification delivers blazing fast wireless connectivity with increased range and reliability
- 10/100/1000 Gigabit Ethernet WAN port for fast-paced Internet access
- Four 10/100/1000 Gigabit Ethernet LAN ports give you high-speed wired connectivity
- One SuperSpeed USB 3.0 port to share media from a storage device

Flexible Bandwidth

- Concurrent dual-band wireless for connections up to 1300 Mbps¹
- QoS engine to prioritize important traffic and deliver uninterrupted bandwidth

Setup and Management

- Web browser-based setup and configuration
- Intuitive setup wizard to guide you through the configuration process
- Firewall and access control options to help prevent attacks and restrict access to your network

The DIR-853 AC1300 MU-MIMO Wi-Fi Gigabit Router is a powerful wireless networking solution designed for small office/home office (SOHO) environments. By combining high-speed 802.11ac Wi-Fi with dual-band technology and Gigabit Ethernet ports, the DIR-853 provides a seamless networking experience with a high degree of convenience and flexibility for SOHOs. With its easy setup and management options, these features provide a fast and easy networking solution for your home or small office.

High-Speed Wired and Wireless Connectivity

The DIR-853 upgrades your network to dual-band high-speed wireless technology to bring you lightning-fast Wi-Fi speeds of up to 1300 Mbps¹ so you can meet the increasing demand from multimedia applications. Enjoy seamless high definition streaming media, Internet phone calls, online gaming, and content-rich web surfing throughout your home or office, even over wireless. In addition, 10/100/1000 Gigabit Ethernet ports give you solid, dependable wired performance for devices such as Network Attached Storage (NAS), media centers, and gaming consoles. The built-in Quality of Service (QoS) engine allows you to prioritize important traffic to ensure that your favorite applications are receiving optimal bandwidth.

Smooth Streaming with Wireless 802.11ac Wave II

The DIR-853 AC1300 MU-MIMO Wi-Fi Gigabit Router brings a host of new technologies to create the best wireless networking experience to date. Featuring support for the 802.11ac Wave II technology, the DIR-853 provides Gigabit wireless connectivity with combined transfer rates of up to 1300 Mbps¹ (867 Mbps Wireless AC + 400 Mbps Wireless N). Featuring a 2x2 + 2x2 MU-MIMO antenna configuration, the DIR-853 offers better data rates, fewer dead-spots, more coverage, and increased reliability.

Hassle-Free D-Link Smart Connect Technology

Ever since the introduction of 5 GHz wireless technology, users have had to blindly guess whether the 5 GHz or 2.4 GHz band would provide them with the best networking experience. D-Link's Smart Connect Technology eliminates this confusion by automatically switching devices to the optimal band. Simply initiate a connection to the DIR-853 and its advanced algorithms will determine the best network for your device to connect to, ensuring a faster, more reliable, and hassle-free experience for your colleagues, friends, and family.

Easy to Set Up and Manage

Sharing your Internet connection doesn't have to be a complicated process; just download the free D-Link Wi-Fi app for your mobile device and follow the on-screen step-by-step instructions to set up your DIR-853. You also have the option to use a web browser to access the setup wizard and manage your router. Support for industry-standard Wi-Fi Protected Setup (WPS) lets you create encrypted connections to new devices by pressing a button. In addition, access control features allow you to restrict access to your network giving you greater control over network users.

File Sharing Right at Your Fingertips

The DIR-853 lets you connect a USB storage device and instantly share documents, movies, pictures, and music. Put your music library on a USB drive and share it with your entire home. Show photos on the living room TV while your family watches a movie on their computer. Support for UPnP and DLNA protocols lets you discover network devices so you can stream media to multiple devices easily, or save them to your device for offline playback. The intuitive interface lets anyone immediately connect to a variety of entertainment options stored on your own storage device.

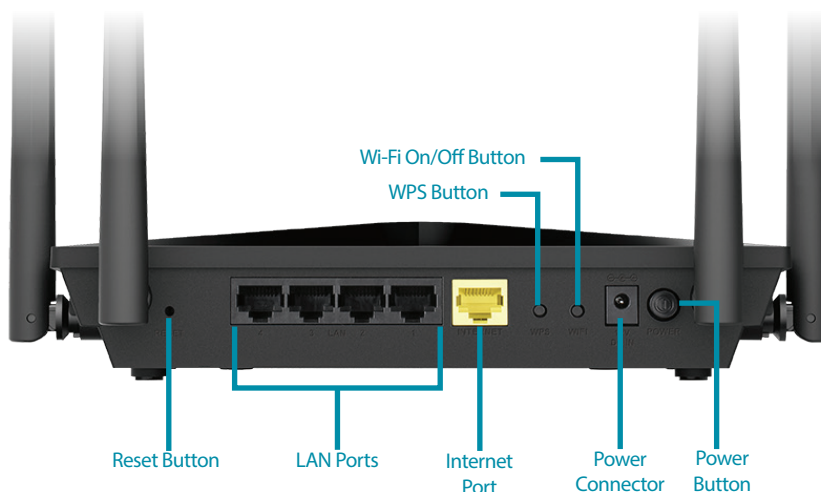
Designed for Optimal Wireless Coverage

The DIR-853's antennas have been carefully placed to minimize dead zones in any environment. Smart Beam technology expands wireless range and speed, so you'll be able to enjoy faster speeds in the farthest corners of your home. Furthermore, because of the design of the placement of internal antennas, you can rest assured that the AC1300 MU-MIMO Wi-Fi Gigabit Router will achieve the best possible performance no matter where you place it.

Front View



Back View



DIR-853 AC1300 MU-MIMO Wi-Fi Gigabit Router

Technical Specifications

General

Device Interfaces	• 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 • One SuperSpeed USB 3.0 port
LEDs	• Power • Internet • WPS • 2.4 GHz WLAN	• 5 GHz WLAN • LAN (1-4) • USB 3.0
Antenna Type	• Four external antennas	
Wi-Fi Data Rate	• 2.4 GHz • Up to 444 Mbps¹	• 5 GHz • Up to 866 Mbps¹
Standards	• IEEE 802.11ac • IEEE 802.11n • IEEE 802.11g • IEEE 802.3ab	• IEEE 802.11b • IEEE 802.11a • IEEE 802.11d • IEEE 802.3u
Minimum Requirements	• Windows 10/8.1/8/7/Vista or MAC OS X 10.6 or higher • Internet Explorer 10, Firefox 28.0, Chrome 28.0, Safari 6.0, or other Javascript browser	• 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	• Web setup wizard • QoS (Quality of Service) • DMZ (De-militarized Zone)	• Firewall - Network Address Translation (NAT) • Guest Zone • IPv6-Ready

Physical

Dimensions	• 203.97 x 137.98 x 43.38 mm (8.03 x 5.43 x 1.7 in)	
Weight	• 349 g (0.76 lbs)	
Power Adaptor	• Input: 100 to 240 V AC, 50/60 Hz	• Output: 12 V, 1.5 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 • IC • CE	• RCM • IPv6

Order Information

Part Number	Description
DIR-853	AC1300 MU-MIMO Wi-Fi Gigabit Router

¹ Maximum wireless signal rate derived from IEEE Standard 802.11ac and 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, may lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

Updated 04/16/2018