

Product Highlights

Wireless AC and Gigabit Ethernet

Get the most out of your broadband connection by enjoying high-bandwidth applications like HD, 4K, and 3D video 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

Set up the DIR-1950 in no time with the web-based setup wizard, and create wireless connections easily using Wi-Fi Protected Setup (WPS)



DIR-1950

AC1900 MU-MIMO Wi-Fi Gigabit Router

Features

High-Speed 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

Flexible Bandwidth

- Concurrent dual-band wireless for connections up to 1900 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 prevent attacks and restrict access to your network

The DIR-1950 AC1900 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-1950 provides a seamless networking experience with a high degree of convenience and flexibility for SOHOs. The DIR-1950's SOHO-class advanced security features help keep data safe from unwanted network intruders. These features together with the increased range and reliability of Wireless AC technology, help provide a protected network for devices in your home or office.

High-Speed Wired and Wireless Connectivity

The DIR-1950 upgrades your network to the latest dual-band high-speed wireless technology to bring you lightning-fast Wi-Fi speeds of up to 1,900 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. 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

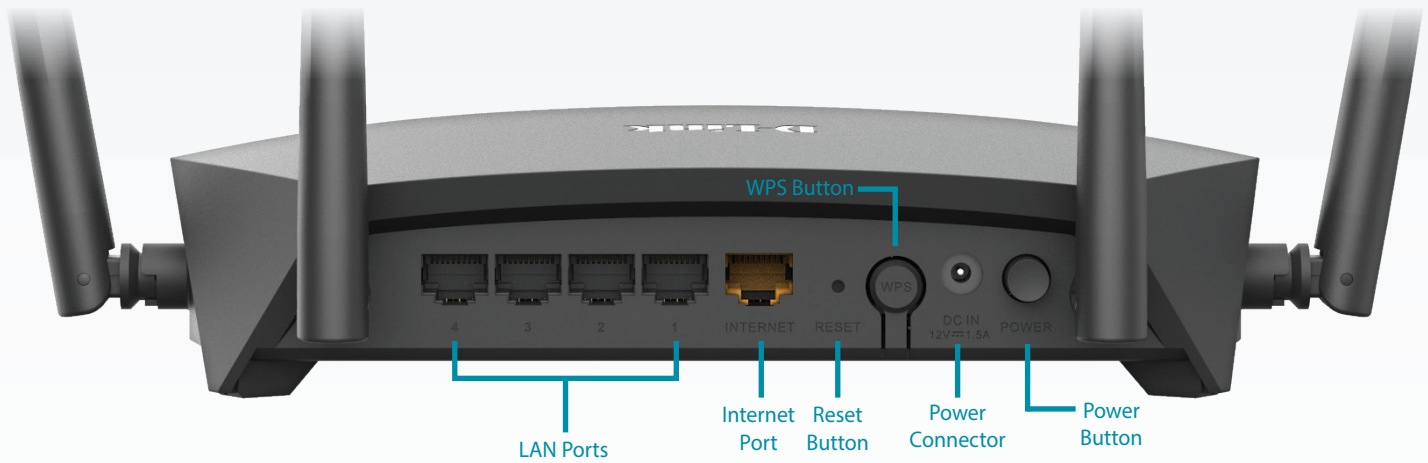
The DIR-1950 brings a host of new technologies to create the best wireless networking experience to date. With 802.11ac Wave II technology, the DIR-1950 provides Gigabit wireless connectivity with combined transfer rates of up to 1,900 Mbps¹ (1300 Mbps Wireless AC + 600 Mbps Wireless N)². Featuring a 3x3 MU-MIMO antenna configuration, the DIR-1950 offers better data rates, fewer dead-spots, more coverage, and increased reliability. Upgrade your home or office with the latest AC wave II technology by matching the DIR-1950 AC1900 MU-MIMO Wi-Fi Gigabit Routers with AC wave II devices like the DWA-192 AC1900 Wi-Fi USB 3.0 Adapter to take full advantage of this speed.

Easy to Set Up and Protect

Sharing your Internet connection doesn't have to be a complicated process; just open a web browser to access the setup wizard and follow the easy step-by-step instructions to get started. Configure, apply, and set up WPA/WPA2 wireless security in minutes with the wireless network setup wizard, or use Wi-Fi Protected Setup (WPS), which establishes an encrypted wireless connection to new devices without the need to enter settings or create passwords. In addition, the built-in firewall requires no setup, protecting you against malicious attacks from the Internet, and access control features allow you to restrict access to your network giving you greater control over network users.

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 distributing devices to the optimal network. Simply initiate a connection to the DIR-1950 and its advanced algorithms will determine the best network for your device to connect to, thereby ensuring a faster, more reliable, and hassle-free experience for your friends, colleagues, and family.



Technical Specifications		
General		
Device Interfaces	<ul style="list-style-type: none"> • IEEE 802.11 ac/n/g/b/a wireless LAN • 10/100/1000 Gigabit Ethernet WAN port 	<ul style="list-style-type: none"> • Four 10/100/1000 Gigabit Ethernet LAN ports
LEDs	<ul style="list-style-type: none"> • Power • Internet 	<ul style="list-style-type: none"> • WLAN (2.4 GHz & 5 GHz)
Antenna Type	<ul style="list-style-type: none"> • Four external antennas 	
Data Signal Rate	<ul style="list-style-type: none"> • 2.4 GHz • Up to 600 Mbps¹ 	<ul style="list-style-type: none"> • 5 GHz • Up to 1,300 Mbps¹
Standards	<ul style="list-style-type: none"> • IEEE 802.11ac • IEEE 802.11n • IEEE 802.11g • IEEE 802.3ab 	<ul style="list-style-type: none"> • IEEE 802.11b • IEEE 802.11a • IEEE 802.11d • IEEE 802.3u
Minimum Requirements	<ul style="list-style-type: none"> • Windows 10/8.1/8/7/Vista/XP SP3 or MAC OS X 10.6 or higher • Internet Explorer 10, Firefox 28.0, Chrome 28.0, Safari 6.0, or other Java-enabled browser 	<ul style="list-style-type: none"> • Network Interface Card • Cable/DSL modem or other Internet Service Provider equipment with Ethernet port
Functionality		
Security	<ul style="list-style-type: none"> • WPA & WPA2 (Wi-Fi Protected Access) 	<ul style="list-style-type: none"> • WPS (Wi-Fi Protected Setup)
Advanced Features	<ul style="list-style-type: none"> • Web setup wizard • QoS (Quality of Service) • DMZ (De-militarized Zone) • Multicast Support 	<ul style="list-style-type: none"> • Firewall - Network Address Translation (NAT) • Guest Zone • IPv6-Ready

DIR-1950 AC1900 MU-MIMO Wi-Fi Gigabit Router

Physical	
Dimensions	• 226.82 x 173.93 x 52 mm (8.92 x 6.85 x 2.04 inches)
Weight	• 411.2 grams (0.91 pounds)
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 • CE ² • Wi-Fi Certified • IC
Order Information	
<i>Part Number</i>	<i>Description</i>
DIR-1950	AC1900 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.

² For the EU region, this product is compliant with CE regulations and operates within the following frequency ranges: 2.4 - 2.4835 GHz and 5.150 - 5.250 GHz.

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