

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-1750 in no time with the web-based setup wizard, and create wireless connections easily using Wi-Fi Protected Setup (WPS)



DIR-1750

AC1750 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 1750 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-1750 AC1750 MU-MIMO Wi-Fi Gigabit Router brings a host of new technologies to create the best wireless networking experience to date. Gigabit wireless connectivity of up to 1750 Mbps (Up to 1300 Mbps 5 GHz Wireless AC + up to 450 Mbps 2.4 GHz Wireless N)¹ allowing you to create a blazing fast home network that connects all of your computers, game consoles, 3D/4K video capable set top boxes, and mobile devices to your broadband Internet connection. With a powerful dual-core processor, the AC1750 MU-MIMO Wi-Fi Gigabit Router packs in enough processing power to handle every networking task you throw at it. It's a powerful, intelligent home router with integrated voice assistant compatibility for Amazon Alexa and Google Assistant so you can control your network with voice commands.

Handle More with a High-Power Processor

With the DIR-1750, you're not only enjoying buffer-free gaming and lightning fast surfing, you're also enjoying features such as an optimizing QoS, an automatic firmware update system that ensures the best protection and the latest features, and compatibility with voice assistants. All this is possible with the router's 1.25 GHz dual-core high-power processor, 128 MB of flash memory and 128 MB of RAM.

High Speed Wired Gigabit Ethernet Connectivity

With 10 times the speed of Fast Ethernet, the DIR-1750's Gigabit Ethernet WAN and LAN ports provide an unbelievable amount of bandwidth allowing you to send more data to more locations without delay. The DIR-1750 lets you copy files in a flash, connect more high resolution home surveillance cameras, save more digital photos and longer HD video to network attached servers (NAS), or run a personal Internet cloud server, all while streaming multiple high resolution 4K video streams. The DIR-1750 uses your existing CAT5e Ethernet cabling, so your LAN is prepared for years to come.

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-1750. You also have the option to use a web browser to access the setup wizard and to manage your router. Support for industry-standard Wi-Fi Protected Setup (WPS) lets you create encrypted connections to new devices by pressing a button.

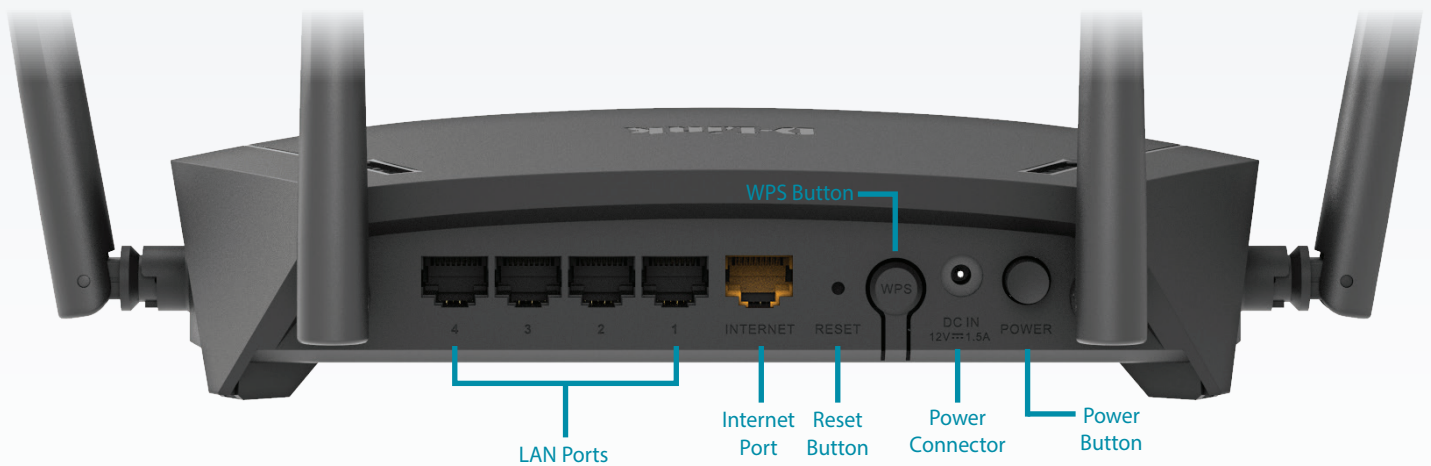
Always Up-to-Date with the Latest Features

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-1750 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.

Enhanced Quality of Service Features

The built-in Quality of Service (QoS) engine allows you to prioritize important traffic to ensure that your favorite applications are receiving optimal bandwidth.



Technical Specifications

General

Connectivity	<ul style="list-style-type: none"> • IEEE 802.11 ac/n/g/b/a wireless LAN¹ • 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 (2.4GHz & 5 GHz)
Antenna Type	<ul style="list-style-type: none"> • Four Fixed External Antennas 	
Data Signal Rate	<ul style="list-style-type: none"> • 2.4 GHz • 450 Mbps¹ 	<ul style="list-style-type: none"> • 5 GHz • 1300 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 802.3u
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, Safari 6.0, Chrome 28.0 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"> • Smart Connect • Web setup wizard • QoS (Quality of Service) 	<ul style="list-style-type: none"> • Firewall - Network Address Translation (NAT) • Guest zone • DMZ (Demilitarized Zone)

Physical	
Dimensions	• 226.82 x 173.93 x 52 mm (8.93 x 6.85 x 2.04 inches)
Weight	• 413.8 g (14.59 ounces)
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 ³ • IC • Wi-Fi Certified

Order Information	
<i>Part Number</i>	<i>Description</i>
DIR-1750	AC1750 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.