D-Link
Building Networks for People

EXO AX

SMART AX1500 WI-FI 6 ROUTER

works with Google Assistant

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DIR-X1560

Features

High Speed Connectivity

- 802.11ax wireless specification delivers blazing fast wireless connectivity with increased range and reliability
- 10/100/1000 Mbps Gigabit Ethernet WAN port
- Four 10/100/1000 Mbps Gigabit Ethernet LAN ports to satisfy bandwidth-hungry wired devices

Ultimate Router for the Connected Home

- Concurrent dual-band wireless for connections up to 1500 Mbps[1]
- 4 simultaneous streams, 1024 QAM and OFDMA revolutionize network efficiency - great for device-dense smart and connected homes
- 1024 QAM and 80 MHz contiguous channel width for turbocharged speeds up to 2.3 times faster than 11ac Mbps, over larger areas
- BSS Coloring increases range and reduces interference in "noisy" Wi-Fi environments[1]
- More bandwidth to support the barrage of data transmissions from all your smart home and IoT devices – without affecting data-intensive applications like 4K streaming and VR gaming

Voice Assistant Compatibility

- Command your router's functionality with your voice using Alexa or the Google Assistant
- Enable and disable your Wi-Fi guest zone, check login credentials, and reboot the system hands-free

Why do you need Wi-Fi 6 (11ax)? Because your smart home isn't reaching the limits of its potential. The most common Wi-Fi standards in use today simply aren't built to support multiple personal devices and smart home gadgets running simultaneously 24/7. The DIR-X1560 AX1500 Wi-Fi 6 Router brings next-generation Wi-Fi technology into your home, giving you the quantum leap in capacity and bandwidth to support more devices at once. By combining high-speed 802.11ax Wi-Fi with dual-band technology and Gigabit Ethernet ports, the DIR-X1560 provides a seamless networking experience with a high degree of convenience and flexibility.

Mind-Blowing Speed and Range

The DIR-X1560 AX1500 Wi-Fi 6 Router brings a host of new technologies to create the best wireless networking experience to date. It comes with 1024 QAM to boost throughput to devices by up to 25%, and 80 MHz contiguous channel width for even more bandwidth. All this adds up to fast combined speeds of up to 1500 Mbps (300 Mbps + 1200 Mbps). Built-in Power Amplifiers and beamforming extend the reach of your Wi-Fi and direct the signals where they need to go. Wi-Fi 6 lets you unleash all that lightning-fast Wi-Fi over larger areas - from bedroom and bathroom all the way to the basement and the backyard.

Made for Smart Home

The DIR-X1560 upgrades your network to the latest Wi-Fi 6 wireless technology which supports 4 simultaneous streams, handling all the connected devices you throw at it at the same time with ease. Enjoy simultaneous throughput to multiple devices for seamless high definition streaming media, VR gaming, and cloud storage. In addition, the DIR-X1560 future proofs your Internet as it utilizes a 10/100/1000 Mbps Gigabit Ethernet WAN port. The built-in Quality of Service (QoS) engine allows you to prioritize traffic to your preferred client, ensuring that your favorite devices are receiving optimal bandwidth.

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Exceptional Capacity

If you thought Wi-Fi using MU-MIMO was cool, wait till you meet Orthogonal Frequency Division Multiple Access (OFDMA). It's a signature technology in Wi-Fi 6 that splits a channel into four sub-channels. The result? Signals from multiple devices get transmitted together in one shot and never have to queue up again. Get an incredible 4x boost in your bandwidth capacity - perfect for smart homes filled with bandwidth-hungry IoT devices threatening to devour your Wi-Fi capacity.

Unprecedented Network Efficiency

There's nothing worse than inefficient Wi-Fi putting a damper on your network experience. In environments with multiple routers or access points, BSS Coloring makes transmissions more unique by 'coloring' them with their own unique code resulting in less interference and more range in congested Wi-Fi environments. Target Wake Time (TWT) efficiently schedules transmissions for client devices, meaning they know when to be ready for data, and when to take a break, increasing your devices battery life. With the DIR-X1560, give your smart home the network efficiency boost it deserves.

Easy to Setup 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 compatible iOS or Android device and follow the on-screen step-by-step instructions to set up your DIR-X1560. You also have the option to use a web browser to access the setup wizard and manage your router. In addition, access control features allow you to restrict access to your network, giving you greater control over network users. The DIR-X1560 even integrates voice assistant compatibility for Amazon Alexa and the Google Assistant so you can control your network with voice commands.
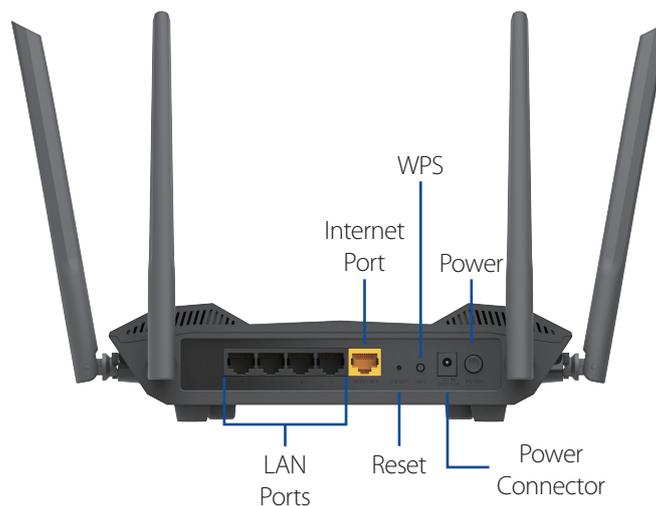
Always Up-to-Date with the Latest Features

Tired of having to check the website or going to the DIR-X1560's UI manually every so often to check for the latest firmware updates? The DIR-X1560 will automatically check daily for updates to make sure that the device always has the latest features with the most secure firmware and installs the update silently in the background. For an extra peace of mind, in the event of failure during an automatic or manual firmware upgrade, the router will store a backup system image in the memory beforehand.

Front View

Back View

Technical Specifications

General

Device Interfaces	• One 10/100/1000 Mbps Gigabit Ethernet WAN port • Four 10/100/1000 Mbps Gigabit Ethernet LAN ports	• IEEE 802.11 ax[1]/ac/n/g/b/a wireless LAN
LEDs	• Power • Internet	• Wi-Fi 2.4 GHz • Wi-Fi 5 GHz
Antenna Type	• Four external antennas	
Wi-Fi Data Rate	• 2.4 GHz • Up to 300 Mbps[2]	• 5 GHz • Up to 1200 Mbps[2]
Standards	• IEEE 802.11ax • IEEE 802.11ac • IEEE 802.11n • IEEE 802.11g • IEEE 802.11b	• IEEE 802.11a • IEEE 802.3u • IEEE 802.3ab • IEEE 802.3az
Minimum Requirements	• Windows 10/8.1/8/7/Vista or MAC OS X 10.6 or higher • Supports Internet Explorer 10, Firefox 28.0, Chrome 28.0, Safari 6.0, and up	• Network Interface Card • Cable/DSL modem or other Internet service provider equipment with Ethernet port

Functionality

Security	• WPA2 (Wi-Fi Protected Access) • WPA3(Wi-Fi Protected Access)	• WPS (Wi-Fi Protected Setup)
Advanced Features	• D-Link Wi-Fi App Setup and Configuration • QoS (Quality of Service) • DMZ (De-militarized Zone)	• Firewall - Network Address Translation (NAT) • Guest Zone • Multicast Support

Physical

Dimensions	• 251.64 x 166.47 x 194.18 mm (9.90 x 6.55 x 7.64 in)	
Weight	• 410 g (0.9 lbs)	
Power Adaptor	• Input: 100 to 240 V AC, 50 / 60 Hz	• Output: 12 V DC, 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

Order Information

Part Number	Description
DIR-X1560	AX1500 Wi-Fi 6 Router

[1] The DIR-X1560 may not support all of the mandatory features, established in Wave 1 of the IEEE 802.11ax specifications
[2] Maximum wireless signal rate derived from IEEE Standard 802.11ax 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.

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