

D-Link®

EXO | AX

AX1800 WI-FI 6 ROUTER



DIR-X1860

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

Next Generation Wi-Fi

- Concurrent dual-band wireless for connections up to 1800 Mbps¹
- 4 simultaneous streams, 1024 QAM and OFDMA technology boosts speed, range and network efficiency

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

Setup and Management

- Profile-based parental control allows you to control when devices have access to the Internet
- Intuitive setup wizard to guide you through the configuration process
- Automatic firmware update
- Firewall and access control options to prevent attacks and restrict access to your network

The AX1800 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, it provides a seamless networking experience with a high degree of convenience and flexibility.

Enhanced Speed, Range and Capacity

The AX1800 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%. The combined Wi-Fi speeds of up to 1800 Mbps provides over 90% faster speed on the 2.4 GHz band and nearly 40% faster speed on the 5 GHz band.

Built-in Power Amplifiers and beamforming extend the reach of your Wi-Fi and direct the signals where they need to go. The new OFDMA (Orthogonal Frequency Division Multiple Access) technology boosts not only network capacity but also range and speed by improving overall network efficiency.

Easy to Setup and Manage

Setup is quick and easy with the free D-Link Wi-Fi app. Follow the on-screen step-by-step instructions to get everything up and running in no time. Automatic firmware updates ensure that the AX1800 Wi-Fi 6 Router stays up-to-date with the latest features. While profile-based parental control allows you to control when devices have access to the Internet. It even integrates voice assistant compatibility for Amazon Alexa and Google Assistant so you can control your network with voice commands³.

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Technical Specifications		
General		
Device Interfaces	<ul style="list-style-type: none"> One 10/100/1000 Mbps Gigabit Ethernet WAN port Four 10/100/1000 Mbps Gigabit Ethernet LAN ports 	<ul style="list-style-type: none"> IEEE 802.11 ax¹/ac/n/g/b/a wireless LAN
LEDs	<ul style="list-style-type: none"> Power Internet 	<ul style="list-style-type: none"> 2.4 G Wi-Fi 5 G Wi-Fi
Antenna Type	<ul style="list-style-type: none"> Four external antennas 	
Wi-Fi Data Rate	<ul style="list-style-type: none"> 2.4 GHz Up to 574 Mbps² 	<ul style="list-style-type: none"> 5 GHz Up to 1200 Mbps²
Standards	<ul style="list-style-type: none"> IEEE 802.11ax IEEE 802.11ac IEEE 802.11n IEEE 802.11g 	<ul style="list-style-type: none"> IEEE 802.11b IEEE 802.11a IEEE 802.3u IEEE 802.3ab
Minimum Requirements	<ul style="list-style-type: none"> 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 	<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"> WPA2 / WPA3 (Wi-Fi Protected Access) 	<ul style="list-style-type: none"> WPS (Wi-Fi Protected Setup)
Advanced Features	<ul style="list-style-type: none"> D-Link Wi-Fi App Setup and Configuration QoS (Quality of Service) DMZ (De-militarized Zone) 	<ul style="list-style-type: none"> Firewall - Network Address Translation (NAT) Guest Zone Multicast Support
Physical		
Dimensions	<ul style="list-style-type: none"> 165.63 x 224.10 x 65.03 mm (6.52 x 8.82 x 2.56 inches) 	
Weight	<ul style="list-style-type: none"> 525.4 g (1.16 lbs) 	
Power Adaptor	<ul style="list-style-type: none"> Input: 100 to 240 V AC, 50 / 60 Hz 	<ul style="list-style-type: none"> Output: 12 V DC, 1.5 A
Temperature	<ul style="list-style-type: none"> Operating: 0 to 40 °C (32 to 104 °F) 	<ul style="list-style-type: none"> Storage: -20 to 65 °C (-4 to 149 °F)
Humidity	<ul style="list-style-type: none"> Operating: 10% to 90% non-condensing 	<ul style="list-style-type: none"> Storage: 5% to 95% non-condensing
Certifications	<ul style="list-style-type: none"> FCC IC 	<ul style="list-style-type: none"> CE
Order Information		
Part Number	Description	
DIR-X1860	AX1800 Wi-Fi 6 Router	

¹ The DIR-X1860 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 802.11ac 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 may adversely affect wireless signal range.

³ Not all functionality is supported for voice control

⁴ Check device app store for OS requirements.



For more information: www.dlink.com

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