

AX1500 Mesh Wi-Fi 6 Router

Wi-Fi 6 - the Future of Wi-Fi

Upgrade to an AX1500 Wi-Fi 6 Router that brings next-generation Wi-Fi technology into your home. Enjoy Wi-Fi 6 innovations that deliver unprecedented capacity, speeds and security for all your devices at once.

DIR-X1550

High-Speed Connectivity

- 802.11ax Wi-Fi 6 specification delivers blazing-fast wireless connectivity with increased range and reliability
- Gigabit Ethernet WAN port and 3 Gigabit Ethernet LAN ports for Gigabit Internet connection and bandwidth-hungry wired devices

Ultimate Router for the Connected Home

- Concurrent dual-band wireless for connections up to 1500 Mbps¹
- 4 simultaneous streams, 1024 QAM, OFDMA and MU-MIMO revolutionises network efficiency - great for device-dense smart and connected homes
- BSS Colouring increases range and reduces interference in "noisy" Wi-Fi environments
- 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
- D-Link Wi-Fi Mesh support allows you to create a seamless mesh network with compatible Wi-Fi extenders

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



D-Link
Wi-Fi Mesh



Next-gen Speed and Range

Faster wireless speeds for 4K streaming, gaming and downloading



Next-gen Speed and Range

Get 5 GHz band speeds up to 38% faster than the equivalent 11ac



WPA3 Encryption

The latest Wi-Fi security for a more secure connection



Exceptional Capacity

Up to 4x greater capacity than 11ac, so more devices can connect at once



D-Link Wi-Fi Mesh

Create a seamless mesh Wi-Fi network with compatible range extenders



Unprecedented Efficiency

Target Wake Time (TWT) helps reduce battery consumption for smart home devices



Made for Smart Homes

Better performance in device-dense environments



Backwards Compatible

Supports all existing Wi-Fi devices

General		
Device Interfaces	One 10/100/1000 Mbps Gigabit Ethernet WAN port Three 10/100/1000 Mbps Gigabit Ethernet LAN ports IEEE 802.11 ax/ac/n/g/b/a wireless LAN	
LEDs	Power Internet	2.4 G Wi-Fi 5 G Wi-Fi
Antenna Type	Four external antennas	
Wi-Fi Data Rate ¹	2.4 GHz - up to 300 Mbps	5 GHz - up to 1200 Mbps
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
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	WPA WPA2 (Wi-Fi Protected Access)	WPA3 (Wi-Fi Protected Access) WPS (Wi-Fi Protected Setup)
Advanced Features	D-Link Wi-Fi Mesh Ookla SpeedTest 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 Voice Assistant

Physical		
Dimensions	174 x 139 x 60.3 mm	
Weight	280 g	
Power Adaptor	Input: 100 to 240 V AC, 50 / 60 Hz	Output: 12 V DC, 1 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

¹ Maximum wireless signal rate derived from IEEE Standard 802.11ax 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.