

# AX1800 Whole Home Mesh Wi-Fi 6 Router

DIR-LX1870

- Wi-Fi 6 technology provides faster speeds, greater capacity and less network congestion
- Next-generation speeds up to 1.8 Gbps (574 + 1200) built for the modern device-dense smart home
- Dual-band Wi-Fi makes 4K streaming, gaming and video chatting a breeze
- 4 Gigabit Ethernet LAN ports and 1 Gigabit Ethernet WAN port provide optional wired connectivity
- D-Link Wi-Fi Mesh lets you add other compatible D-Link Wi-Fi Mesh devices to expand your network as you wish
- BSS coloring helps organize data packets, making your network more efficient and improving overall Wi-Fi 6 performance
- Mesh Smart Roaming technology auto connects you to the strongest signal
- Voice Control for an even easier whole home Wi-Fi networking experience



## Wi-Fi 6 – Next Generation Wi-Fi

Designed for today's device-dense homes and perfect for 4K streaming, VR gaming, video calling and keeping all your smart home devices connected.



## Smart Roaming

Seamlessly connects your devices to the strongest signal as you move from room to room, eliminating the need for them to disconnect and reconnect.



## OFDMA

Small data packets destined for multiple devices are transmitted together and never have to queue up again. Perfect for smart homes filled with IoT devices.



## Smart Steering

Automatically steers your devices to the optimal wireless band, ensuring you're always connected to fast, reliable Wi-Fi throughout your home.



## Simple Setup

Points come pre-paired out of the box; just plug them in and get started.



## Profile-Based Parental Controls

Assign devices to family members' profiles to individually block devices and websites, set schedules for access, and turn off Wi-Fi.



## Expandable Network

Just add extra access points wherever you need more coverage for a highly scalable home network.



## Works with Existing Router

Simply connect to the router or gateway provided by your ISP to add whole home coverage to your network.

## Technical Specifications

/ DIR-LX1870

### General

Coverage	275 sq. m / 3000 sq. ft.
Device Interfaces	1 x WPS Button, 4 x 10/100/1000 Mbps Gigabit Ethernet ports, 1 x 10/100/1000 Mbps Gigabit Ethernet WAN Port, 1 x Power Button, 1 x Power Connector
LED	Power/Status
Antenna Type	2 x 2.4G WLAN Internal Antenna, 2 x 5G WLAN Internal Antenna
Wi-Fi Data Rate	2.4 GHz up to 574 Mbps, 5 GHz up to 1201 Mbps
Wireless IEEE Standard	IEEE 802.11ax/ac/n/g/b/k/v/a/h
WAN Interface	Static IP, Dynamic IP, PPPoE, PPTP, L2TP, DS-Lite, Supports 802.1p & 802.1q VLAN tagging and priority bit, Concurrent session: 30000

### Functionality

Security Protocol	WPA/WPA2-Personal, WPA2-Personal, WPA2/WPA3-Personal (WPS not supported), WPA3 Only (WPS Not supported)
Firewall	DoS, Stateful Packet Inspection, Anti-spoofing Checking, IP/MAC Address Filtering, 1 x DMZ
Mesh	D-Link EasyMesh
QoS	D-Link Intelligent QoS Technology
SpeedTest	Ookla SpeedTest

### Software

Device Management	D-Link Wi-Fi app (iOS and Android), Web UI
Voice Assistants	Amazon Alexa, The Google Assistant

### Physical

Hardware version	A1
Size	100 x 100 x 194 mm (3.94 x 3.94 x 7.64 in)
Weight	380 g (0.84 lbs)
Power Input	12 V 1A
Maximum Operating Voltage	12 V
Maximum Power Consumption	12 W
Operating Temperature	0 to 40 °C (32 to 104 °F)
Storage Temperature	-20 to 65 °C (-4 to 149 °F)
Operating Humidity	10% to 90% non-condensing
Storage Humidity	5% to 95% non-condensing
Certifications	FCC, IC

### Order Information

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