D-Link

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**

works with **Google Assistant**

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AX1800
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.

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[1]
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

DIR-LX1870	AX1800 Whole Home Mesh Wi-Fi 6 Router

[1] D-Link EasyMesh is based on the standard IEEE 1905.1 protocol. Some switches not compliant with this standard will not forward packets based on IEEE 1905.1 protocol. If you have a switch installed and are experiencing an unstable Ethernet backhaul, we recommend to replace the switch with one that is compliant with the IEEE 1905.1 standard.

D-Link®