D-Link

Wi-Fi 7

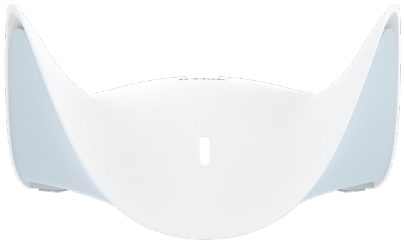
AQUILA PRO AI

BE9500 Wi-Fi 7 Smart Mesh Router

M95

Key Features

- Wi-Fi 7 technology provides ultra high-speed performance, greater capacity, and less network congestion
- Tri-band (2.4 GHz/5 GHz/6 GHz) utilizing ultra-wide 320 MHz channels ensures smoother, blazing-fast data transmission[2]
- 4096-QAM significantly increases data throughput and capacity to more than double that of Wi-Fi 6
- OFDMA, MU-MIMO and beamforming reduce latency, improve Wi-Fi efficiency, and transmit to more devices simultaneously
- Latest WPA3™ data encryption provides the most robust network protection while Enhanced Open provides encrypted access to open, public networks in venues such as hotels, libraries, and malls
- Multi-Link Operation (MLO) technology improves latency for real-time applications, enhances network reliability, and mitigates interference
- 2.5 Gigabit Ethernet ports allow for high-speed wired connectivity
- Eco-friendly design and elegant aesthetics blend perfectly into any modern home
- Free AQUILA PRO AI app for hassel-free installation and management



works with Google Home

just ask alexa

User Benefits

Ultra-Fast Connections

The latest Wi-Fi 7 technology enables real-time applications with high bandwidth and data rates

AI-Powered Technology

Built-in AI algorithm ensures optimized Wi-Fi connections throughout your home

Reliable Connectivity

Mesh capability eliminates dead spots and weak signals for homes of any size

Multi-Link Operation MLO

Multi-Link Operation (MLO) significantly enhances wireless resiliency, throughput, and latency reduction

2.5-Gigabit Ports

2.5GbE LAN and WAN ports to plug in smart TVs, game consoles, and more for fast and reliable wired connections

Easy Setup and Management

Set up your mesh Wi-Fi in minutes with the AQUILA PRO AI app to effortlessly manage your network

Enhanced Security

Advanced parental controls, guest Wi-Fi, WPA3™ encryption and IEC 62443-4-1 for safer connections

Aesthetic Design

Eagle-inspired design and feather-patterned ventilation blends beauty and performance

Technical Specifications

General		
Device Interfaces	• 3 x 2.5 Gigabit Ethernet LAN port • 1 x 2.5 Gigabit Ethernet WAN port • 1 x WPS button	• 1 x Reset button • 1 x Power connector • 1 x LED on/off button
LED	Power/Status/WPS	
Antenna Type	• 2 x 2.4/5 GHz internal antennas	• 2 x 6 GHz internal antennas
Wi-Fi Data Rate[1,2]	• 2.4 GHz up to 688 Mbps • 5 GHz up to 2882 Mbps	• 6 GHz up to 5764 Mbps
IEEE Standard	• IEEE 802.11be/ax/ac/n/g/b/k/v/a/h • IEEE 802.3u/ab/bz	
WAN Type	• Static IP • Dynamic IP • PPPoE • PPTP	• L2TP • DS-Lite • 802.1p & 802.1q VLAN tagging and priority bit
Functionality		
Security Protocol	• WPA2 - personal	• WPA3 - personal
Firewall	• DoS • Stateful Packet Inspection • Anti-spoofing checking	• IP address filtering • 1 x DMZ
Mesh	D-Link Wi-Fi Mesh (Mesh system support is available on select models.)[3]	
QoS	D-Link Intelligent QoS Technology	
Power Saving	AI Eco Mode	
Access Control	• Advanced Parental Controls • Guest zone	• IoT zone • MLO zone
Dynamic DNS	• No-IP DDNS	• Dyn DDNS
Protocols	• IPv4	• IPv6
Operation Modes	• Router mode • Extender mode	• Bridge mode
VPN Pass-Through	• L2TP • PPTP	• IPSec
Software		
Device Management	• AQUILA PRO AI app (iOS and Android)	• Web UI
Voice Assistants	• Amazon Alexa	• Google Assistant
Physical		
Hardware version	A1	
Dimensions	219 x 195 x 105.6 mm (8.62 x 7.68 x 4.16 in)	
Weight	876 g (30.9 oz)	
Power Input	12 V/ 4 A	
Max Power Consumption	20.291 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	• CE • FCC	• IC
Ordering Information		
M95	• BE9500 Wi-Fi 7 Smart Mesh Router (single-pack)	• BE9500 Wi-Fi 7 Smart Mesh System (multi-pack)
Package Contents	• BE9500 Wi-Fi 7 Smart Mesh Router (M95) • Power Adapter • Ethernet Cable	• Quick Installation Guide

1. Maximum wireless signal rate derived from IEEE Standard 802.11be 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.
2. Supported frequency bands are dependent on regional variants and may not be available in all markets.
3. Please visit the product page to see which models are compatible with mesh systems.

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