D-Link®

Wi-Fi 7

ΛQUILΛPRO AI
BE3600 Wi-Fi 7 Smart Router
R36

Key Features

- Wi-Fi 7 technology provides ultra-high-speed performance, greater capacity, and less network congestion
- Dual-band (2.4 GHz/5 GHz) Wi-Fi with speeds up to 3.6 Gbps for seamless video streaming, gaming and video calls*
- 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 enable ultra-fast connectivity
- Eco-friendly design and elegant aesthetics blend perfectly into any modern home
- Free AQUILA PRO AI app for hassle-free installation and management

works with Google Home

Compatible with 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 optimised 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 WAN/LAN ports deliver ultra-fast Internet and local network speeds, complementing Wi-Fi 7's exceptional performance

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 ports • 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 GHz external antennas	• 2 x 5 GHz external antennas
Wi-Fi Data Rate[1,2]	• 2.4 GHz up to 688 Mbps • 5 GHz up to 2882 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 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	B1	
Dimensions	204.60 x 176.53 x 201.35 mm	
Weight	629 g	
Power Input	12 V/1.5 A	
Max Power Consumption	11.45 W	
Operating Temperature	0 to 40 °C	
Storage Temperature	-20 to 65 °C	
Operating Humidity	10% to 90% non-condensing	
Storage Humidity	5% to 95% non-condensing	
Certifications	• CE • FCC	• IC

Package Contents

R36	• BE3600 Wi-Fi 7 Smart Router (R36) • 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.
4. Google, Android and Google Home are trademarks of Google LLC.

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