

BE3600 Wi-Fi 7 Router

C36

Key Features

- Wi-Fi 7 takes performance to the next level with faster speeds and greater capacity
- Dual-band (2.4 GHz/5 GHz) Wi-Fi with speeds up to 3.6 Gbps for smooth streaming and large file transfers^{1,2}
- 4096-QAM significantly boosts data throughput and capacity over Wi-Fi 6
- OFDMA and MU-MIMO technologies enhance Wi-Fi efficiency and minimise latency when serving multiple devices simultaneously
- Multi-Link Operation (MLO) technology improves latency and reliability for real-time applications while reducing interference
- The latest WPA3 encryption offers advanced privacy and security, providing the highest level of network protection
- 2.5 Gigabit Ethernet WAN port enables ultra-fast connectivity
- Five high-performance antennas, including a dedicated RX antenna, enhance signal reception and deliver stronger, more consistent Wi-Fi coverage
- Free D-Link FALCON App provides simple, app-based setup and management



User Benefits



Ultra-Fast Connections

Enjoy Wi-Fi 7 for faster speeds, higher capacity, and better overall performance



Multi-Link Operation MLO

Optimise multiple Wi-Fi links to deliver lower latency and more reliable connections



Robust Network Protection

Safeguard your network with the latest Wi-Fi security protocols and cybersecurity certifications



Scalable Mesh Expansion

Easily expand coverage with Mesh technology that delivers seamless, consistent connectivity



2.5-Gigabit Port

Unlock the full potential of modern high-speed fiber plans and deliver faster online experiences



Smart Wi-Fi Zones

Support separate Wi-Fi zones to optimise network traffic, strengthen security and enhance performance



5dBi High-Gain Antennas

Five antennas with beamforming technology enhance range and signal strength for wider coverage



Fast Setup, Easy Control

Set up your Wi-Fi in minutes and manage essential settings with the D-Link FALCON App

Technical Specifications

General		
Device Interfaces	• 1 x 2.5 Gigabit Ethernet WAN port • 3 x Gigabit Ethernet LAN ports • 1 x WPS/Wi-Fi button	• 1 x Reset button • 1 x Power connector • 1 x Power on/off button
LED	Power, Internet status, LAN and WAN connection status, Wi-Fi status, WPS, FW upgrade	
Antenna Type	• 2 x 2.4 GHz external antennas	• 3 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	• 2.4 GHz: IEEE 802.11be/ax/n/g/b • 5 GHz: IEEE 802.11be/ax/ac/n/a	• IEEE 802.3u/ab/bz/k/v/h
WAN Type	• Static IP • Dynamic IP • PPPoE • PPTP	• L2TP • IPv4 as a Service • 802.1p & 802.1q VLAN tagging and priority bit
Functionality		
Security Protocol	• WPA - personal • WPA2 - personal	• WPA3 - personal
Firewall	• DoS • Stateful Packet Inspection • Anti-spoofing checking	• IP address filtering • 1 x DMZ
Mesh ³	D-Link Wi-Fi Mesh (available on select models)	
QoS	D-Link Intelligent QoS Technology	
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	• D-Link FALCON App (iOS and Android™)⁴ for local access and basic control • Web UI for advanced management	
Physical		
Hardware version	A1	
Dimensions	180 x 120 x 42.2 mm	
Weight	350 g	
Power Input	12V/1.5A	
Max Power Consumption ¹	TBD	
Operating Temperature	0 to 40 °C	
Storage Temperature	-20 to 65 °C	
Operating Humidity	10% to 95% non-condensing	
Storage Humidity	5% to 95% non-condensing	
Certifications	• CE • FCC	• IC
Package Contents		
C36	• BE3600 Wi-Fi 7 Router (C36) • Power Adapter	• Quick Installation Guide • Ethernet Cable

1. Maximum wireless signal rate derived from IEEE Standard 802.11be/ax/ac/n/g/b/a specifications. Actual performance may vary due to settings, cabling, temperature, network configuration, interface, device compatibility, environmental and on-site conditions, and other similar factors. References to power capability, signal or processing speed, signal range or distance, data encryption, storage capacity, display properties, or other performance metrics are based on optimal conditions derived from industry standards and provided for informational purposes only.

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.

5. Specifications may be subject to change without prior notice.

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