

# Wi-Fi 7

## BE3600 Mesh Gigabit Wireless Router



DIR-BE3602

### Discovering the Next Generation of Home Wi-Fi

- **3.6Gbps Dual-Band Wi-Fi 7:** Delivers blazing-fast speeds to your devices. Enjoy seamless 4K/8K streaming, immersive AR/VR gaming, and ultra-fast downloads.
- **2.5G Port & High-Speed Connectivity:** Includes 1x 2.5Gbps WAN port and 4x 1Gbps LAN ports with link aggregation, providing high-speed data transmission and eliminating the 1G bottleneck, maximising performance across all connected devices.
- **Enhanced Coverage:** Equipped with 4 high-power external antennas and Beamforming technology to boost capacity, improve reliability, and reduce signal interference throughout your home.
- **Mesh Compatibility:** Effortlessly integrates with other DIR-BE3602 units to create a unified whole-home Wi-Fi network, ensuring seamless connectivity by eliminating signal drops or lag during transitions.
- **Advanced Parental Controls:** Protect your kids online with real-time monitoring, content filters and customised settings for every connected device.
- **Easy Setup and Management:** Quickly configure and manage your network with the user-friendly D-Link Wi-Fi Assist app.



#### 4K-QAM

4K QAM modulation that can deliver 140% higher capacity



#### Quad Core Processor

The powerful Quad-Core CPU ensures smooth operation, while its ability to connect to more devices across dual bands ensures efficient performance.



#### 2.5G Multi-Gigabit WAN

Experience exceptional device performance with ultra-fast data transfers via the 2.5GE port, unlocking the full capabilities of Wi-Fi 7 for optimal connectivity.



#### Multi-Link Operation (MLO)

Enhances throughput, minimises latency, and boosts reliability across all applications.



#### Enhanced Security

Strengthen your network protection with Advanced Parental Controls, MAC filters, WPA2-Enterprise IEEE 802.1x and WPA3 encryption.



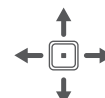
#### Smart Roaming

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

Combines multiple small packets into a single packet, so multiple devices can receive data simultaneously. Perfect for smart homes filled with bandwidth-hungry IoT devices battling for bandwidth.



#### Expandable Network

Simply add on another DIR-BE3602 to provide wider Wi-Fi coverage inside your home. With the built-in EasyMesh technology, you can roam around your house easily without any drop in connection.

## Wi-Fi 7 BE3600 Mesh Gigabit Wireless Router

Technical Specifications		
Hardware Parameters		
CPU Frequency	• Quad-Core, 1.1-GHz	
Memory	• 512MB DDR3	
Flash	• 128MB Nand Flash	
Wi-Fi	• 2T2R 2.4GHz 802.11b/g/n/ac/ax/be, 688Mbps <sup>1</sup> • 2T2R 5GHz 802. 11a/n/ac/ax/be, 2882Mbps <sup>1</sup>	
Device Interfaces	• 1 x RJ45 100M/1000M/2.5G WAN Ethernet • 4 x RJ45 100M/1000M LAN Ethernet	• 1 x Reset Button • 1 x Mesh
Wi-Fi Antenna	• 2 x 5dBi External 2.4GHz Antennas	• 2 x 5dBi External 5GHz Antennas
Wi-Fi Features		
Standard	• 802.11b/g/n/ac/ax/be, 688Mbps <sup>1</sup> 2.4GHz • 802.11a/n/ac/ax/be, 2882Mbps <sup>1</sup> 5GHz	
Modulation Schemes	• 1 x 2.5G WAN Port	• 3 x Gigabit LAN Ports
Transfer Rate	• EHT20: up to 688Mbps <sup>1</sup> 2.4GHz + 5GHz • EHT40: up to 1376Mbps <sup>1</sup> 2.4GHz + 5GHz	• EHT80: up to 1441Mbps <sup>1</sup> 5GHz • EHT160: up to 2882Mbps <sup>1</sup> 5GHz
Functionality		
WAN Type	• Static IP • Dynamic IP	• PPPoE • 802.1p & 802.1q VLAN tagging and priority bit
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 Wi-Fi Mesh	
QoS	• D-Link Intelligent QoS Technology	
Power Saving	• Target Wake Time (TWT)	
Access Control	• Advanced Parental Controls	• Guest 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
Environment Requirements		
Operating Temperature	0°C~40°C	
Storage Temperature	-20°C ~ 70°C	
Operating Humidity	5%~95% (typical)	
Power Supply	12V/1.5A	
Physical		
Dimensions	200 x 153 x 60 mm (W x H x D)	
Weight	0.500 kg	
EMC / Safety		
Certifications	CE, FCC, RCM	
Safety Regulations	UL	
Green Standard	RoHS	
Ordering Information		
DIR-BE3602	Wi-Fi 7 BE3600 Mesh Gigabit Wireless Router	
Barcode / UPC	790169007179	

<sup>1</sup> Maximum wireless signal rate derived from IEEE Standard 802.11 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.