D-Link®

Wi-Fi 7
BE3600 Dual-Band Mesh Router

DIR-BE3602

Wi-Fi 7

Discovering the Next Generation of Home Wi-Fi

3.6 Gbps Dual-Band WiFi 7 Empowers your devices to operate at their maximum speed. Delight in seamless 4K/8K streaming, immersive AR/VR gaming, and rapid downloads.

2.5G Port: 1× 2.5Gbps WAN port 4 × 1Gbps LAN ports with link-aggregation offer high-speed data transmissions. This setup surpasses the 1G bottleneck, propelling your devices to optimal performance levels.

Enhanced Coverage Utilizing 4x high-power external antennas combined with Beamforming, our system offers increased capacity, robust and reliable connections and reduced interference.

Mesh Compatibility Seamlessly integrates with Mesh routers to create a unified Mesh WiFi network throughout your home, ensuring uninterrupted connectivity and eliminating drops or lag when transitioning between signals.

Advanced Parental Controls Protect your kids online with instant monitoring, content filters and customized settings for every connected device.

Easy Setup and Use Managing and configuring your network is now simpler than ever using D-Link 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-Gig WAN
Unlock unparalleled device performance with lightning-fast data transfers through the 2.5GE port, harnessing the full potential of WiFi 7

Multi-Link (MLO)
Enhances throughput, minimizes latency, and boosts reliability for upcoming applications.

Secure Network
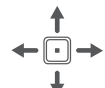Help keep your network safer Advanced Parental Controls, MAC filter, WPA3 encryption and WPA2-Enteprise IEEE802.1X.

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 bandwidth-hungry IoT devices battling for bandwidth.

Expandable Network
DIR-BE3602 is a scalable solution. Add extra DIR-BE3602 Points where you need more Coverage

Hardware Parameters

CPU frequency	Quad-Core, 1.1-GHz
Memory	512MB DDR3
Flash	128MB Nand Flash
Wi-Fi	2T2R 2GHz 802.11b/g/n/ac/ax/be, 688Mbps[1]
	2T2R 5GHz 802. 11a/n/ac/ax/be, 2882Mbps[1]
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 2.4G antennas
	2 x 5dBi External 5G antennas

Wi-Fi Features

Standard	802.11b/g/n/ac/ax/be, 688Mbps[1] 2.4G
	802.11a/n/ac/ax/be, 2882Mbps[1] 5G
Modulation schemes	OFDM = BPSK,QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, 4096-QAM
	DSSS = DBPSK, DQPSK, CCK
Transfer Rate	EHT20: up to 688Mbps[1] 2.4G+5G
	EHT40: up to 1376Mbps[1] 2.4G+5G
	EHT80: up to 1441Mbps[1] 5G
	EHT160: up to 2882Mbps[1] 5G

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)	WPA2-Enteprise (IEEE802.1X)
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

EMC/Safety

Regulation Compliance	CE
Safety Regulations	UL
Green Standard	RoHS

Ordering Information

DIR-BE3602	Wi-Fi 7 BE3600 Dual-Band Mesh Router

[1] Maximum wireless signal rate derived from IEEE Standard 802.11specifications. 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.

D-Link®