D-Link®
Building Networks for People

Product Highlights

• Wi-Fi 6

Wi-Fi 6 (802.11ax) could turn out to be the most significant advancement in Wi-Fi development, delivering a huge boost in speed and total capacity.

• Bandwidth

Featuring a 160 MHz bandwidth and 1024QAM, DIR X3060Z delivers true Gigabit speeds of up to 3 Gbps.

• Powerful CPU

Powered by a powerful dual core CPU, this full featured Gigabit Wi-Fi 6 router allows numerous bandwidth intensive tasks to run smoothly at the same time.

• High Gain Antennas

High gain external antennas and Beamforming technology combine to extend strong, reliable Wi-Fi throughout your home.

DIR-X3000Z

AX3000 Dual Band Gigabit Wi-Fi 6 Router

Other Features

• The latest Wi-Fi security protocol, WPA3, brings new capabilities to improve cybersecurity in personal networks. More secure encryption in Wi-Fi password safety and enhanced protection against brute force attacks combine to safeguard your home Wi-Fi.

• Backward Compatible: Supports all previous 802.11 standards and all Wi-Fi devices.

• Expanded Wi-Fi Coverage: Five high gain external antennas and Beamforming technology combine to extend strong, reliable Wi Fi throughout your home.

Overview：

The 802.11ax router equipped with latest Wi-Fi 6 technology, will offer you simultaneous dual band connection with 2402Mbps wireless speeds over 5GHz band(160Mhz) and 574Mbps over the 2.4GHz band. AX3000 is a dual-band wireless router dedicated to home users for smart home networking. AX3000 router ensures to provide high performance experience to you for different network applications. AX3000 router supports more devices to do the data transmission at once.

Next Gen Gigabit Wi Fi 6 Speed
2402 Mbps on 5 GHz and 574 Mbps on 2.4 GHz band ensure smoother streaming and faster downloads.

Connect More Devices
OFDMA technology increases capacity by 4 times to enable simultaneous transmission to more devices.

Ultra-Low Latency
Enables more responsive gaming and video chatting.

Technical Specifications

WIRELESS

Standards	• Wi-Fi 6 • IEEE 802.11ax/ac/n/a 5 GHz • IEEE 802.11ax/n/b/g 2.4 GHz
Wi-Fi Speeds	• AX3000 • 5 GHz: 2402 Mbps (802.11ax 160Mhz) • 2.4 GHz: 574 Mbps (802.11ax 40Mhz)
Wi-Fi Range	• 3 Bedroom Houses • 5 * Fixed High Performance Antennas • Multiple antennas form a signal boosting array to cover more directions and large areas • Beamforming • Concentrates wireless signal strength towards clients to expand Wi-Fi range • High Power FEM • Improves transmission power to strengthen signal coverage
Wi-Fi Transmission Power	• CE: <20dBm (2.4GHz); <23dBm (5.15GHz~5.35GHz); <30dBm (5.47GHz~5.725GHz) • FCC: <30dBm (2.4GHz &5.15GHz~5.25GHz&5.725GHz~5.825GHz)
Modes	• Router Mode, Bridge Mode

HARDWARE

Processor	• 1G Arm9 Dual Core CPU
Ethernet Ports	• 1×Gigabit WAN Port • 3×Gigabit LAN Ports
Connectors & Buttons	• Power On/Off, WPS, Reset Button
Power	• 12V 1.5A DC

SECURITY

Wi-Fi Encryption	• WPA, WPA2, WPA3
Network Security	• SPI Firewall • Access Control • IP & MAC Binding • Application Layer Gateway • DDoS Attack Prevention
Guest Network	• 1 × 5 GHz Guest Network • 1 × 2.4 GHz Guest Network

SOFTWARE

Protocols	• IPv4, IPv6
WAN Types	• DHCP, Static IP, PPPoE
Easy Mesh	• Easy Mesh™ Supported • Coverage your whole home with 3x Devices
NAT Forwarding	• Port Forwarding, DMZ, UPnP,
IPTV	• IGMP Proxy, IGMP Snooping, Bridge, Tag VLAN
DHCP	• DHCP Client List, Server
DDNS	• DynDNS
Management	• Web based Configuration (HTTP) • Remote Management • Telnet Management

- TR069
- TR143
- TR181
- TR098
- Web Based Firmware Upgrade
- CWMP
- Diagnostic Tools

PHYSICAL

Package Contents	
	• Wi-Fi Router
	• Power Adapter
	• RJ45 Ethernet Cable
	• Quick Installation Guide

OTHER

System Requirements	
	• Internet Explorer 11+, Firefox 12.0+, Chrome 20.0+, Safari 4.0+, or other JavaScript-enabled browser
	• Cable or DSL Modem (if needed)
	• Subscription with an internet service provider (for internet access)

Certifications	
	• CE, FCC

Environment	
	• Operating Temperature: 0℃~40℃
	• Storage Temperature: -40℃~70℃
	• Operating Humidity: 10%~90% non-condensing
	• Storage Humidity: 5%~90% non-condensing

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