

## Product Highlights

- Built-in Wi-Fi 6 for ultra speed wireless connectivity.
- Dual Band wireless 2.4 and 5GHz.
- Support MU-MIMO, BSS coloring, TWT optimized network performance.
- Support WEP/WPA/WPA2/WPA3/ WPA2-WPA3-MIXED encryption for high network security.
- Gigabit ethernet for high speed wired connectivity.
- External high gain Antennas for wider wifi coverage.
- Easy configure with friendly user interface.

## DIR-X1560P

### Wi-Fi 6 Gigabit Router

#### Features

- Wi-Fi 6 (802.11ax) technology provides faster speeds, greater capacity and less network congestion.
- Next-generation speeds up to 1.1 Gbps (300 + 800) built for the modern device-dense smart home.
- Dual-band Wi-Fi makes 4K streaming, gaming and video chatting a breeze.
- 3 Gigabit Ethernet LAN ports and 1 Gigabit Ethernet WAN port provide optional wired connectivity.
- DL/UL MU-MIMO greatly increase network efficiency
- BSS coloring helps organize data packets, making your network more efficient and improving overall Wi-Fi performance.
- New hardware with improved Wi-Fi performance.



D-Link DIR-X1560P is equipped with latest Wi-Fi 6 technology, provides faster speeds, greater capacity, and less network congestion for high-performance device-dense environments. It ensures connection of more devices and prevents weakening wireless connectivity by wall obstruction and interference from other appliances.

Using the DIR-X1560 device, you are able to quickly create a high-speed wireless network at home or in your office, which lets computers and mobile devices access the Internet virtually anywhere (within the operational range of your wireless network).

Simultaneous activity of 2.4GHz and 5GHz band allows performing a wide range of tasks. DIR-X1560 can operate as a base station for connecting multiple wireless devices from 802.11a/b/g/n/ac to 802.11ax with wireless connection that rate up to 1.1Gbps. (Support 802.11n 2T2R speed up to 300Mbps; Support 802.11ax 2T2R speed up to 800Mbps).

For wireless security, DIR-X1560P supports various security standards like WEP, WPA/WPA2/WPA3, user can also setup MAC address filtering, URL filtering, IP address filtering, Port filtering, WPS to further enhanced user's network security.

Advanced features like Multi-user MIMO & Beamforming allow DIR- X1560P distribute the router's resources to multiple wireless clients optimizing Wi-Fi network efficiently, keeping high rates for HD media streaming, lag-free gaming, and fast transfer of large files.

Guest Wi-Fi network creation allows you to separate wireless network with individual security settings and maximum rate limitation. Devices connected to the guest network will be able to access the Internet, but will be isolated from the devices and resources of the router's LAN.

## Technical Specifications

### Hardware Parameters

Interface	WAN Port: 1 x 10/100/1000 Mbps auto MDI/MDI-X RJ45 port LAN Port: 3 x 10/100/1000 Mbps auto MDI/MDI-X RJ45 port (LAN1~3) 2x5dBi 2.4g external antenna
Antenna	2x5dBi 5g external antenna
Button	Wi-Fi/WPS/Reset/Power ON/OFF
LED Indicators	Power, WAN, LAN1, LAN2, LAN3, 2.4G WLAN, 5G WLAN, WPS, Upgrade
Chipset solution	RTL8197H+RTL8832+RTL8367RB
Material	Plastic
Dimensions (W x D x H)	221.5*147.1*188.7 mm (W x D x H) with antennas 190*128.3*41.9mm (W x D x H) without antennas
Power Requirement	12V DC, 1A
Power Consumption	9W

### Wireless Interface Specifications

Standard	IEEE 802.11ax 5GHz IEEE 802.11ac 5GHz IEEE 802.11a/n 5GHz IEEE 802.11b/g/n 2.4GHz
Frequency Band	Simultaneous 2.4GHz and 5GHz
Data Rates	2.4GHz up to 300Mbps 5GHz up to 800Mbps
Channel	2.4GHz FCC (America): 2.412~2.462GHz (11 Channels) ETSI (Europe): 2.412~2.472GHz (13 Channels) 5GHz 5150~5250MHz 5250~5350MHz 5470~5725MHz 5725~5825MHz The actual channels in application will vary depending on the regulation in different regions and countries.
Channel Width	802.11ax: 20/40/80MHz 802.11n: 20/40MHz
Max. RF Power / EIRP	2.4GHz: < 30dBm 5GHz: < 30dBm
SSID	2.4GHz: 1 Root SSID and 4 Guest SSID 5GHz: 1 Root SSID and 4 Guest SSID

### Wireless Interface Specifications

Encryption Security	WEP WPA/WPA2/WPA3 personal mixed mode
Wireless Security	Wireless ACL MAC address filtering, IP address filtering, URL filtering Supports WPS (Wi-Fi Protected Setup) Wireless Schedule
Easy Mesh	Easy Mesh
Max. Supported Clients	2.4GHz wireless: 32 5GHz wireless: 32
Wireless Extender	Supports repeater

Technical Specifications	
Router Features	
Internet Connection Type	DHCP PPPoE Static Bridge bind LAN 802.11Q VLAN IPv4 / IPv6 Multi Wan
Firewall	IP Filtering MAC Filtering Parent Control URL Filtering
ALG	SIP / RTSP / IPsec / PPTP/ L2TP
NAT	DMZ Port Forwarding UPNP
VPN	PPTP / L2TP / GRE / OPENVPN
LAN	DHPC Server DHCP Client Address reservation Domain Name Web-based (http and https) management interface Remote management control (WAN Access Control) SNMP
System Management	TR069 (support data model TR098, TR181, TR143, STUN) DDNS SNTP synchronization System log
Other	IGMP Proxy QoS, bandwidth control Dos Ping/Traceroute Diagnostic Auto reboot
Environment	
Temperature	Operating: 0 ~ 40°C Storage: -10 ~ 70°C
Humidity	Operating: 10 ~ 90% (non-condensing) Storage: 5 ~ 95% (non-condensing)