D-Link®

AX1500 EasyMesh Wi-Fi 6 Router

Wi-Fi 6 - the Future of Wi-Fi

Upgrade to an AX1500 Wi-Fi 6 Router that brings next-generation Wi-Fi technology into your home. Enjoy Wi-Fi 6 innovations that deliver unprecedented capacity, speeds and security for all your devices at once.

DIR-X1530

High-Speed Connectivity

- 802.11ax Wi-Fi 6 specification delivers blazing-fast wireless connectivity with increased range and reliability
- Gigabit Ethernet WAN port and 3 Gigabit Ethernet LAN ports for Gigabit Internet connection and bandwidth-hungry wired devices

Ultimate Router for the Connected Home

- Concurrent dual-band wireless for connections up to 1500 Mbps[1]
- 1024 QAM, OFDMA and MU-MIMO revolutionises network efficiency - great for device-dense smart and connected homes
- BSS Colouring increases range and reduces interference in "noisy" Wi-Fi environments
- More bandwidth to support the barrage of data transmissions from all your smart home and IoT devices – without affecting data-intensive applications like 4K streaming and VR gaming
- D-Link Wi-Fi EasyMesh support allows you to create a seamless mesh network with compatible Wi-Fi extenders

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Wi-Fi 6

Next-gen Speed and Range
Faster wireless speeds for 4K streaming, gaming and downloading

Next-gen Speed and Range
Get 5 GHz band speeds up to 38% faster than the equivalent 11ac

WPA3 Encryption
The latest Wi-Fi security for a more secure connection

Exceptional Capacity
Up to 4x greater capacity than 11ac, so more devices can connect at once

D-Link Wi-Fi EasyMesh
Create a seamless mesh Wi-Fi network with compatible range extenders

Unprecedented Efficiency
Target Wake Time (TWT) helps reduce battery consumption for smart home devices

Made for Smart Homes
Better performance in device-dense environments

Backwards Compatible
Supports all existing Wi-Fi devices

General

Device Interfaces	One 10/100/1000 Mbps Gigabit Ethernet WAN port Three 10/100/1000 Mbps Gigabit Ethernet LAN ports IEEE 802.11 ax/ac/n/g/b/a wireless LAN	
LEDs	Power Internet	2.4 G Wi-Fi 5 G Wi-Fi
Antenna Type	Four external antennas	
Wi-Fi Data Rate[1]	2.4 GHz - up to 300 Mbps	5 GHz - up to 1200 Mbps
Standards	IEEE 802.11ax IEEE 802.11ac IEEE 802.11n IEEE 802.11g	IEEE 802.11b IEEE 802.11a IEEE 802.3u IEEE 802.3ab
Minimum Requirements	Windows 10/8.1/8/7/Vista or MAC OS X 10.6 or higher Supports Internet Explorer 10, Firefox 28.0, Chrome 28.0, Safari 6.0, and up Network Interface Card Cable/DSL modem or other Internet service provider equipment with Ethernet port	

Functionality

Security	WPA WPA2 (Wi-Fi Protected Access)	WPA3 (Wi-Fi Protected Access) WPS (Wi-Fi Protected Setup)
WAN connection types	PPPoE IPv6 PPPoE PPPoE Dual Stack Static IPv4 / Dynamic IPv4 Static IPv6 / Dynamic IPv6 PPPoE + Static IP (PPPoE Dual Access) PPPoE + Dynamic IP (PPPoE Dual Access)	PPTP/L2TP + Static IP PPTP/L2TP + Dynamic IP IPIP6 in DSLite mode 6in4 6to4 6rd

Network functions	DHCP server/relay
	Stateful/Stateless mode for IPv6 address
	  assignment, IPv6 prefix delegation
	DNS relay
	Dynamic DNS
	Static IPv4/IPv6 routing
	IGMP Proxy
	IGMP Snooping
	RIP
		Support of VLAN
		Support of SIP ALG
		Support of RTSP
		WAN failover
		Autonegotiation of speed, duplex
		  mode, and flow control
		Built-in UDPXY application
		Port mirroring
		Support of UPnP

Firewall functions	Network Address Translation (NAT) Stateful Packet Inspection (SPI) IPv4/IPv6 filter MAC filter	URL filter Ad blocking function DMZ Virtual servers
VPN	IPsec/PPTP/L2TP/PPPoE pass-through PPTP/L2TP servers PPTP/L2TP tunnels L2TP over IPsec client GRE/EoGRE/EoIP/IPIP tunnels	IPsec tunnels Transport/Tunnel mode IKEv1 IKEv2 support DES encryption NAT Traversal Support of DPD (Keep-alive for VPN tunnels)

Management and monitoring	Local and remote access to settings through SSH/TELNET/WEB (HTTP/HTTPS)
	Firmware update via web-based interface
	Automatic notification on new firmware version
	Saving/restoring configuration to/from file
	Support of logging to remote host
	Automatic synchronization of system time with NTP server and manual time/date setup
	Ping utility
	Traceroute utility
	TR-069 client
	Schedules for rules and settings of firewall, automatic reboot, and enabling/disabling wireless network and Wi-Fi filter
	Automatic upload of configuration file from ISP's server (Auto Provision)

Wireless Module Parameters

Standards	IEEE 802.11ax
	IEEE 802.11ac Wave 2
	IEEE 802.11a/b/g/n
	IEEE 802.11w

Frequency range	2400 ~ 2483.5MHz
	5150 ~ 5350MHz
	5650 ~ 5850MHz

Wireless connection security	WEP
	WPA/WPA2 (Personal/Enterprise)
	WPA3 (Personal)
	MAC filter
	WPS (PBC/PIN)

Advanced functions	EasyMesh function	Support of 5GHz TX Beamforming
	Support of client mode	Autonegotiation of channel bandwidth in accordance with environment conditions (20/40 Coexistence)
	WMM (Wi-Fi QoS)	
	Information on connected Wi-Fi clients	
	Guest Wi-Fi / support of MBSSID	Support of OFDMA technology
	Limitation of wireless network rate	Support of TWT technology
	Periodic scan of channels, automatic switch to least loaded channel	

Wireless connection rate	IEEE 802.11a: 6, 9, 12, 18, 24, 36, 48, and 54Mbps
	IEEE 802.11b: 1, 2, 5.5, and 11Mbps
	IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, and 54Mbps
	IEEE 802.11n (2.4GHz/5GHz): from 6.5 to 300Mbps (MCS0–MCS15)
	IEEE 802.11ac (5GHz): from 6.5 to 867Mbps
	IEEE 802.11ax (5GHz): from 6.5 to 1201Mbps

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Transmitter output power	802.11a (typical at room temperature 25 °C)	
	15dBm at 6, 9, 12, 18, 24, 36, 48, 54Mbps	
	802.11b (typical at room temperature 25 °C)	
	15dBm at 1, 2, 5.5, 11Mbps	
	802.11g (typical at room temperature 25 °C)	
	15dBm at 6, 9, 12, 18, 24, 36, 48, 54Mbps	
	802.11n (typical at room temperature 25 °C)	
	2.4GHz, HT20	
	15dBm at MCS0/8~7/15	
	2.4GHz, HT40	
	15dBm at MCS0/8~7/15	
	5GHz, HT20	
	15dBm at MCS0/8~7/15	
	5GHz, HT40	
	15dBm at MCS0/8~7/15	
	802.11ac (typical at room temperature 25 °C)	
	VHT20	
	15dBm at MCS0~8	
	VHT40	
	15dBm at MCS0~9	
	VHT80	
	15dBm at MCS0~9	
	802.11ax (typical at room temperature 25 °C)	
	15dBm at MCS10	
	15dBm at MCS11	

Physical		
Dimensions	194 x 139 x 55 mm	
Weight	300 g	
Power Adaptor	Input: 100 to 240 V AC, 50 / 60 Hz	Output: 12 V DC, 1 A
Temperature	Operating: 0 to 40 °C (32 to 104 °F)	Storage: -20 to 65 °C (-4 to 149 °F)
Humidity	Operating: 10% to 90% non-condensing	Storage: 5% to 95% non-condensing
Certifications	FCC	CE
	IC	

[1] Maximum wireless signal rate derived from IEEE Standard 802.11ax 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 may adversely affect wireless signal range.

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