

AX1500 Wi-Fi 6 AI Router

Wi-Fi that's smarter, safer, faster, and more affordable than ever.

R15

- Wi-Fi 6 (802.11ax) technology provides faster speeds, greater capacity and less network congestion
- Next-generation speeds up to 1.5 Gbps (300 + 1201) 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
- D-Link Wi-Fi Mesh lets you add other compatible D-Link AI Series to expand your network as you wish
- BSS coloring helps organize data packets, making your network more efficient and improving overall Wi-Fi 6 performance
- Mesh Smart Roaming technology auto connects you to the strongest signal
- Maximum Output Power(EIRP) 20 dBm (2.4 GHz), 21.5 dBm (5 GHz)
- Operating Frequency 2.4 - 2.4835 GHz, 5.15 - 5.35 GHz
- Voice Control for an even easier home Wi-Fi networking experience
- Free D-Link Ai app



AI Parental Controls

Assign devices to profiles to block websites, set schedules for access, and turn off Wi-Fi



AI Mesh Optimizer

Smart beamforming technology to provide a fast and stable home mesh network



AI Wi-Fi Optimizer

Smart continuous channel monitoring gets you connected on the best channel available



AI Traffic Optimizer

Smart QoS keep your gaming, voice calls, video streaming, and downloads uninterrupted



WPA3 Security

The latest in wireless encryption to keep your network safe from unauthorized access



MU-MIMO & OFDMA

Perfect for 4K streaming, VR gaming, video calling and keeping all your smart home devices connected



Voice Control with Google/Alexa

Control your network and devices in your home conveniently through a voice assistant



Clean Network

Compliant with IEC 62443-4-1, BSIMM, ISO 27001, and BS 10012 to ensure your network and personal information stay safe

General

Device Interfaces	3 x Gigabit Ethernet LAN ports, 1 x Gigabit Ethernet WAN port, 1 x WPS button, 1 x power connector
LED	Power, Internet, 2.4 GHz Wi-Fi, 5 GHz Wi-Fi
Antenna Type	Four external antennas
Wi-Fi Data Rate	2.4 GHz Up to 300 Mbps ² , 5 GHz Up to 1201 Mbps ²
IEEE Standard	IEEE 802.11ax/ac/n/g/b/k/v/a/h, IEEE 802.3u/ab
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 ISP equipment with Ethernet port

Functionality

Security Protocol	WPA2 (Wi-Fi Protected Access), WPA3(Wi-Fi Protected Access), WPS (Wi-Fi Protected Setup)
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
Speed Test	Ookla SpeedTest

Software

Device Management	D-Link Ai app (iOS and Android), Web UI
Voice Assistants	Amazon Alexa, Google Assistant

Physical

Dimensions	251.64 x 166.47 x 194.18 mm (9.90 x 6.55 x 7.64 in)
Weight	300 g
Power Adapter	12V/1A
Operating Temperature	0 to 40 °C (32 to 104 °F)
Storage Temperature	-20 to 65 °C (-4 to 149 °F)
Operating Humidity	10% to 90% non-condensing
Storage Humidity	5% to 95% non-condensing
Certifications	CE , FCC, IC

Ordering Information

R15	AX1500 Wi-Fi 6 AI Router
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¹The R15 may not support all of the mandatory features, established in Wave 1 of the IEEE 802.11ax specifications

² 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 will adversely affect wireless signal range.

