

EAGLE PRO AI AX1500 4G CAT6 SMART ROUTER

G416

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

- Share your 3G/4G connection with multiple devices
- Uses a SIM/UICC card to connect to the Internet
- 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 EAGLE PRO 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
- Voice Control for an even easier home Wi-Fi networking experience
- Free EAGLE PRO AI app



Optimization

The EAGLE PRO AI engine automatically keeps you on the optimal channel



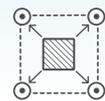
Improvement

Mesh nodes collaborate with each other to optimize network traffic



Connectivity

The EAGLE PRO AI app provides notifications and usage reports to help you manage your network more efficiently



Expandable

The EAGLE PRO AI series can scale to any size home for dead zone free Wi-Fi coverage



Wi-Fi 6 Performance

Future-proof your Wi-Fi with coverage that's better, faster, and more efficient



Gigabit Ports

Plug in smart TVs, game consoles, and other devices for a fast and reliable connection



Clean Network

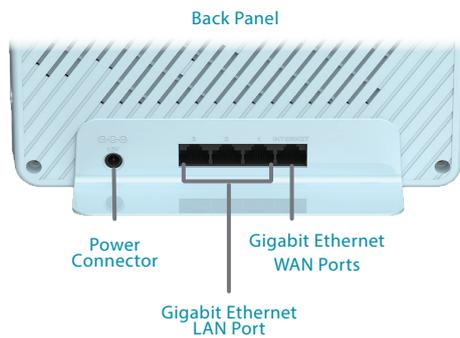
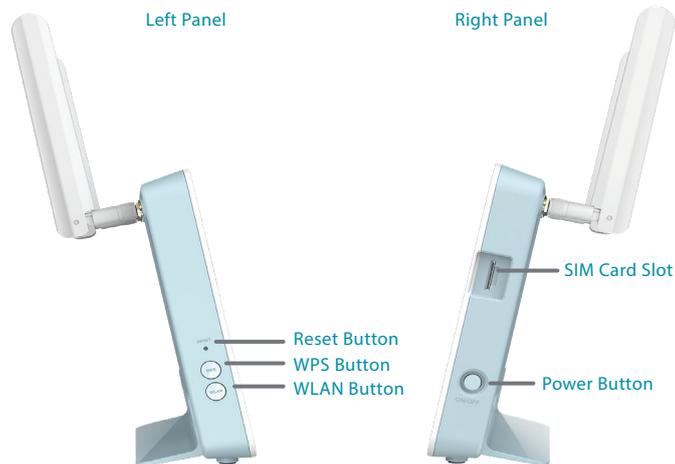
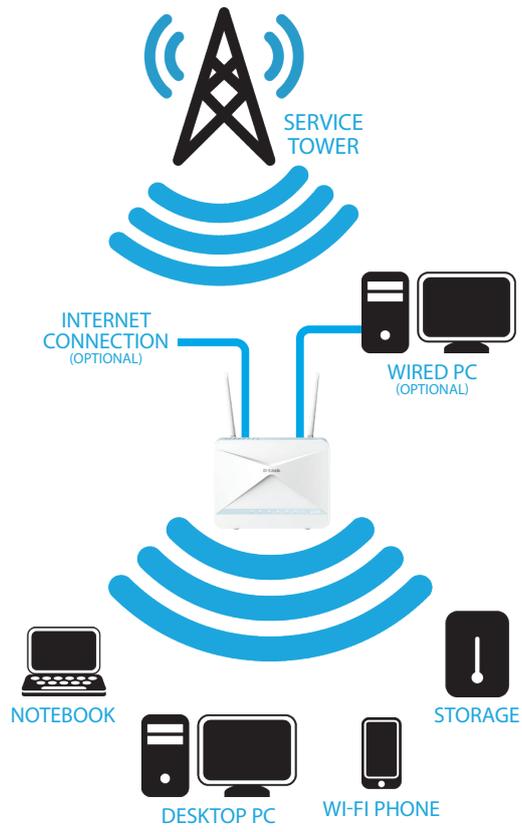
Compliant with the latest security standards like WPA3™ and IEC 62443-4-1



Voice Control

Works with Amazon Alexa and Google Assistant for convenient voice control

Your Network Setup



General

Device Interfaces	3 x Gigabit Ethernet LAN ports, 1 x Gigabit Ethernet WAN port, 1 x WPS button, 1 x Reset button, 1 x WLAN button, 1 x Power button, 1 x SIM Card slot, 1 x Power connector
Antenna Type	Two external 4G LTE antennas
LTE Data Rates ¹	LTE Downlink up to 300 Mbps, LTE Uplink up to 50 Mbps, DC-HSPA Downlink up to 42 Mbps, DC-HSPA Uplink up to 5.72 Mbps
Wi-Fi Data Rates ¹	2.4 GHz Up to 300 Mbps, 5 GHz Up to 1201 Mbps, 6/9/11/12/18/24/36/48/54Mbps in 802.11g mode, 1/2/5.5/11 Mbps in 802.11b mod
IEEE Standard	IEEE 802.11ax/ac/n/g/b/a, IEEE 802.3u/ab
Frequency Support ²	<ul style="list-style-type: none"> • LTE Bands: FDD: Band 1/3/5/7/8/20/28 TDD: Band 38/40/41 Carrier Aggregation (CA) Support: B1 + B1/B3/B5/B8/B20/B28 B3 + B3/B5/B7/B8/B20/B28 B7 + B5/B7/B8/B20/B28 B38 + B38; B40 + B40; B41 + B41 • UMTS/HSPA/HSPA+/DC-HSPA+: Band 1/5/8

Functionality

Security Protocol	WPA (Wi-Fi Protected Access), WPA2, WPA3, WPS (Wi-Fi Protected Setup)
Firewall	Stateful Packet Inspection, Anti-spoofing Checking, IP/MAC Address Filtering, 1 x DMZ

Software

Device Management	EAGLE PRO AI app (iOS and Android), Web UI
Voice Assistants	Amazon Alexa, Google Assistant

Physical

LED Status Indicators	Power, Internet, 2.4 GHz Wi-Fi, 5 GHz Wi-Fi, LTE/3G, SMS, Signal Strength
Dimensions	198 x 170.14 x 66.21 mm (7.79 x 6.69 x 2.60 in)
Weight	400 g (14.1 oz)
Power Adapter	12V/1.5A
Operating Temperature	0 to 40 °C (32 to 104 °F)
Storage Temperature	-10 to 70 °C (14 to 158 °F)
Operating Humidity	10% to 90% non-condensing
Storage Humidity	0% to 95% non-condensing
Certifications	CE, BSMI/NCC, RCM

Ordering Information

G416	AX1500 4G CAT6 Smart Router
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¹Maximum 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.

²Supported frequency bands are dependent on regional variants and may not be available in all markets.