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

INTERNET CONNECTION (OPTIONAL)

WIRED PC (OPTIONAL)

NOTEBOOK

DESKTOP PC

WI-FI PHONE

STORAGE

Gigabit Ethernet

WAN Ports

Power Connector

Gigabit Ethernet LAN Port

Left Panel

Right Panel

SIM Card Slot

Reset Button

WPS Button

WLAN Button

Power Button
### Technical Specifications

#### General

<table>
<thead>
<tr>
<th>Device Interfaces</th>
<th>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</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antenna Type</td>
<td>Two external 4G LTE antennas</td>
</tr>
<tr>
<td>LTE Data Rates¹</td>
<td>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</td>
</tr>
<tr>
<td>Wi-Fi Data Rates¹</td>
<td>2.4 GHz Up to 300 Mbps, 5 GHz Up to 1201 Mbps, 6/9/11/12/18/24/36/48/54 Mbps in 802.11g mode, 1/2/5.5/11 Mbps in 802.11b mode</td>
</tr>
<tr>
<td>IEEE Standard</td>
<td>IEEE 802.11ax/ac/n/g/b/a, IEEE 802.3u/ab</td>
</tr>
</tbody>
</table>

#### Frequency Support¹

- **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

<table>
<thead>
<tr>
<th>Security Protocol</th>
<th>WPA (Wi-Fi Protected Access), WPA2, WPA3, WPS (Wi-Fi Protected Setup)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Firewall</td>
<td>Stateful Packet Inspection, Anti-spoofing Checking, IP/MAC Address Filtering, 1 x DMZ</td>
</tr>
</tbody>
</table>

#### Software

<table>
<thead>
<tr>
<th>Device Management</th>
<th>EAGLE PRO AI app (iOS and Android), Web UI</th>
</tr>
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<tbody>
<tr>
<td>Voice Assistants</td>
<td>Amazon Alexa, Google Assistant</td>
</tr>
</tbody>
</table>

#### Physical

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

#### 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.