

4G LTE AX1500 Wi-Fi 6 Router

G416C

Key Features

- Expertly designed to power smart homes and boost productivity in any business setting — perfect for pop-up shops, smart classrooms, high-definition video streaming, and more.
- Share mobile 4G/5G internet connection with multiple devices at home to simultaneously work, stream, game, and more
- 4G LTE speed up to 300 Mbps (download) and 50Mbps (upload)¹
- 802.11ax speed up to 1500 Mbps¹ for a smooth and uninterrupted online experience
- Wi-Fi 6 utilises OFDMA and MU-MIMO technologies to bring fast and efficient Wi-Fi connections with greater capacity and reduced network congestion
- 3 Gigabit Ethernet LAN ports and 1 Gigabit Ethernet WAN/LAN port provide high-speed wired connectivity
- Supports the latest WPA3™ encryption for network security and EN 303 645 cyber security certified
- Future-proof with mobile IPv6 support
- Backwards compatibility to work with your existing wireless devices
- 2x 5 dBi external antennas for cellular and 2x 5 dBi external antennas for Wi-Fi
- Supports up to 64 devices to simultaneously connect via Wi-Fi



User Benefits



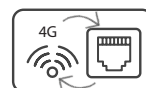
LTE Connectivity

Stays connected with LTE Cat 6 connectivity, even in areas without wired Internet



Wi-Fi 6 Speeds Up To 1.5 Gbps

High speed dual-band Wi-Fi for web browsing, 4K streaming, video calls, and online gaming



Fail-Safe Internet

WAN failover switches to a backup Internet connection if the primary connection is lost



5 dBi Antennas

Equipped with 5 dBi external antennas for both LTE and Wi-Fi



Easy Setup

Just insert a SIM card for instant, fast Internet service without the need for physical cables and installation



Security & Privacy

Keep your network secure with WPA3™ Wi-Fi encryption and EN 303 645 security certification

Technical Specifications

General	
Device Interfaces	<ul style="list-style-type: none">• 3 x Gigabit Ethernet LAN port• 1 x Gigabit Ethernet WAN/LAN port• 1 x WPS/Reset button• 1 x Power button• 1 x SIM Card slot (Nano SIM: 4FF)• 1 x Power connector
Antenna Type	<ul style="list-style-type: none">• 2 x 2.4/5 GHz WLAN fixed external antennas• 2 x LTE/3G fixed external antennas
IEEE Standards	<ul style="list-style-type: none">• IEEE 802.11ax/ac/n/g/b/a• IEEE 802.3u/ab
Wi-Fi Data Rates ¹	<ul style="list-style-type: none">• 5 GHz up to 1204 Mbps• 2.4 GHz up to 300 Mbps
Data Signal Rates ¹	<ul style="list-style-type: none">• LTE Downlink up to 300 Mbps/Uplink up to 50 Mbps• DC-HSPA Downlink up to 42 Mbps/Uplink up to 5.76 Mbps
Frequency Support ²	<ul style="list-style-type: none">• LTE: B1/B3/B5/B7/B8/B20/B28/B32/B38/B40/B41• WCDMA: B1/B5/B8
Functionality	
Security Protocol	<ul style="list-style-type: none">• None• WPA-PSK• WPA2-PSK• WPA3-PSK
Firewall	<ul style="list-style-type: none">• Stateful Packet Inspection• Anti-spoofing Checking• IP/MAC Address Filtering• Port Forward, Virtual Server, DMZ, VPN Pass-through
Software	
Device Management	Web UI
Physical	
LED	<ul style="list-style-type: none">• Power• Status: Internet, Wi-Fi 2.4 GHz, 5GHz, LAN ports• LTE/3G Signal Strength
Dimensions	215 x 134.6 x 38.2 mm
Weight	460 g
Power Adapter	12V/1.0A
Operating Temperature	-10 to 40 °C
Storage Temperature	-40 to 70 °C
Operating Humidity	10% to 95% non-condensing
Storage Humidity	0% to 95% non-condensing
Certifications	<ul style="list-style-type: none">• CE• NCC• RoHS

1. Maximum wireless signal rate derived from IEEE standard 802.11ax/ac/n/g/b/a specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors may adversely affect wireless signal range.

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