

4G LTE AX1500 Wi-Fi 6 Router

G416C

Key Features

- Share cellular 4G WAN connectivity to seamlessly connect multiple Wi-Fi and wired devices in smart homes or working environments, ideal for pop-up shops, smart classrooms, high-definition video streaming, and much more
- 4G LTE speeds of up to 300 Mbps¹ (DL) and 50 Mbps¹ (UL) with Mobile IPv6 compliance to accommodate future network expansion needs
- 802.11ax speeds of up to 1500 Mbps¹ for a smooth and uninterrupted online experience
- OFDMA and MU-MIMO technologies deliver fast and efficient Wi-Fi 6 connections with greater capacity and reduced network congestion
- Three Gigabit Ethernet LAN ports and one Gigabit Ethernet WAN port provide high-speed wired connectivity
- Provides the latest WPA3™ encryption for network security
- Backwards compatibility to work with your existing wireless devices
- ETSI EN 303 645 cyber security certification keeps your network and personal data safer than ever
- Connect up to 64 Wi-Fi devices simultaneously



User Benefits



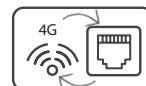
LTE Connectivity

Stay connected to the Internet with LTE Cat 6 connectivity, even in areas without wired broadband access



Wi-Fi 6 Speeds up to 1.5 Gbps

Sufficient bandwidth for web browsing, 4K streaming, video calls, online gaming, file transfers, and much more



WAN Failover

Dual-WAN failover protection to ensure uninterrupted Internet access when primary WAN connection fails



Greater Wi-Fi Coverage

Total of four 5-dBi external antennas for 4G LTE and Wi-Fi coverage (2 each) to ensure seamless network connectivity



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 ETSI 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 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 (8.46 x 5.3 x 1.5 in)
Weight	380 g (13.4 oz)
Power Adapter	12V/1.0A
Operating Temperature	-10 to 40 °C (14 to 104 °F)
Storage Temperature	-40 to 70 C (-40 to 158° F)
Operating Humidity	10% to 95% non-condensing
Storage Humidity	0% to 95% non-condensing
Certifications	<ul style="list-style-type: none">• CE• NCC• RoHS
Ordering Information	
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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.