

# G.hn Wave2 Gateway AX3000

## Coax Adapter

G.hn 2Gbps | 200MHz | Built-in Diplexer | 2x GE LAN | 802.11ax | Concurrent DB 2T2R |

## GCA-6016



**GCA-6016** is designed as CPE (customer premises equipment) for MDU application and Home Networking over coaxial network. GCA-6016 fully complies with ITU-T G.hn standards for coax interface. The integration of the Wi-Fi access point with 2.4GHz and 5GHz bands utilizes the concurrent dual band Wi-Fi radios. The smart Wi-Fi technology Airtime fairness/QoS will also enable the virtualization of Wi-Fi resources, so that Wi-Fi capacity can be dynamically apportioned and provisioned to different devices, services and applications.

There are two coaxial interfaces on the GCA-6016; one is for connecting to the MDU-4640/4620 and the other to the TV set for cable TV service.

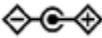
### KEY FEATURES

- **Super Performance:** With ITU-T G.hn baseband plans, 200MHz for coax, and up to 2Gbps PHY rate over coax.
- **Ultra High Speed Data Transmission:** Of up to 1.7 Gbps dramatically increases the performance of next-generation home entertainment.
- **Diplexer for existence with existing TV service:** With cut-off above 222MHz for existing TV signals, saving the extra cost for deployment.
- **Concurrent Dual Band 11ax:** Utilizing concurrent dual band 2T2R Wi-Fi interfaces, leverage both the 2.4GHz and 5GHz bands to deliver a seamless wireless experience anywhere in the home.

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## SPECIFICATIONS

<b>Interfaces</b>	<ul style="list-style-type: none"><li>2x Gigabit Ethernet LAN</li><li>LED Indicators: G.hn, Security, 2.4GHz, 5GHz, WPS, LAN1, LAN2, PWR</li><li>Buttons: G.hn pairing, PWR, WiFi ON/OFF, WPS, Reset</li><li>2x Internal Wi-Fi DB Antenna</li><li>2x F-type connector</li></ul>
<b>G.hn (Coax)</b>	<ul style="list-style-type: none"><li>ITU-T G.9960 &amp; G.9961 compliant</li><li>G.hn 200MHz</li><li>Link rate 2Gbps,</li><li>Data throughput 1.7Gbps</li></ul>
<b>WLAN (Wi-Fi)</b>	<ul style="list-style-type: none"><li>802.11 b/g/n/ax, 2412 ~ 2484 MHz, BW 20/40M</li><li>802.11 a/n/ac/ax, 5180 ~ 5825 MHz, Wave-2 compatible with MU-MIMO, BW 20/40/80/160</li><li>Concurrent 2.4GHz &amp; 5GHz. 2T2R</li><li>Compliance DFS @5GHz</li><li>Transmit power: 2.4GHz: Max. 21dBm/MCS0 5GHz: Max. 21dBm/MCS0</li></ul>
<b>Management</b>	<ul style="list-style-type: none"><li>HTTP Web-based</li></ul>
<b>Networking Protocols</b>	<ul style="list-style-type: none"><li>802.1D Ethernet Bridge</li><li>802.1Q VLAN</li><li>Quality of Service (QoS)</li><li>IGMP(IPv4) Snooping &amp; MLD(IPv6) Snooping</li></ul>
<b>Cable TV</b>	Frequency: 222MHz to 322MHz
<b>External Power Adapter</b>	Input: AC100-240V, Output: DC12V /2A 
<b>Dimensions</b>	194.4 mm X 163.6 mm X 80.4 mm (not including AC/DC PSU)

## ENVIRONMENT

<b>Operating Temperature</b>	0 ~ 40 degrees Celsius
<b>Relative Humidity</b>	8 ~ 95% (non-condensing)



### WARNING

Disconnect the power line from the device before servicing.

For indoor use only

Do NOT open the casing

Do NOT use near water

Keep away from the fire

For use in ventilated environment / space

This equipment complies with EU radiation exposure limits set

forth for an uncontrolled environment. This equipment should

be installed and operated with a minimum distance 20cm

between the radiator & your body.

# COMTREND

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Maximum performance, actual data rates, and coverage will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice.