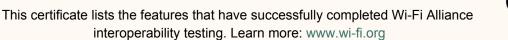


# Wi-Fi CERTIFIED® Certificate





## Certification ID: WFA110922

## **Product Info**

Date of Certification	February 23, 2021
Company	Gemtek Technology Co., Ltd.
Product Name	Multi-Dwelling Unit Gateway Product
Product Model Variant	C4500MG
Model Number	C4500MG
Category	Routers
Sub-category	Cable, DSL or Other Broadband Gateway (Integrated Home Access Device)

### **Summary of Certifications**

CLASSIFICATION	CERTIFICATION
Network management	WMM® Wi-Fi Agile Multiband™
Security	Protected Management Frames WPA2™-Personal 2021-01 WPA3™-Personal 2020-02
Wi-Fi (MAC/PHY)	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED 6® Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n



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### **Role: Access Point**

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Wi-Fi Components			
Wi-Fi Component Operating System	RF Architecture		
Linux	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware CGM001-01.00.00.00h	2.4 GHz	2	2
CGM001-01.00.00.001	5 GHz	2	2

#### Certifications

#### 2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz 40 MHz Channel Width in 2.4 GHz

#### **5 GHz Spectrum Capabilities**

20 MHz Channel Width in 5 GHz 40 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHz

#### **Protected Management Frames**

WMM®

WPA2<sup>™</sup>-Personal 2021-01

WPA3<sup>™</sup>-Personal 2020-02

Wi-Fi Agile Multiband™

#### Wi-Fi CERTIFIED 6®

A-MPDU with A-MSDU Basic Trigger frame in HE MU PPDU

#### Wi-Fi CERTIFIED 6® (continued)

**BSRP** Trigger frame Compressed Block Ack Rx (buffer size 256) Compressed Block Ack Tx (buffer size 256) DL MU-MIMO DL OFDMA Individual Target Wake Time LDPC Rx LDPC Tx MCS 8-9 Rx MCS 8-9 Tx MCS 10-11 Rx MCS 10-11 Tx MU EDCA Parameter Set element **MU-BAR** Trigger frame **MU-RTS** Trigger frame M-BSSID Operating mode subfield in A-Control field Operating mode indication Operating mode UL MU Rx SU beamformer SU-MIMO TXOP RTS Threshold **UL OFDMA** 

#### Wi-Fi CERTIFIED™ a

This certificate was downloaded on 2025-06-22 at 06:30:34 UTC

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### Role: Access Point

Role: Access Point	Page 3 of 3
Wi-Fi CERTIFIED™ ac	
Extended 5 GHz Channel Support A-MPDU with A-MSDU	
DL MU-MIMO	
LDPC Rx	
LDPC Tx	
MCS 8-9 Rx	
Short Guard Interval	
STBC SU beamformer	
Wi-Fi CERTIFIED™ b	
Wi-Fi CERTIFIED™ g	
Wi-Fi CERTIFIED™ n	
HT Duplicate Mode	
OBSS on Extension Channel	
Short Guard Interval	
STBC	
A-MPDU Tx	