Wi-Fi CERTIFIED® Certificate

This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: www.wi-fi.org

Certification ID: WFA127744

Product Info

Date of Certification	October 24, 2023
Company	MitraStar Technology Corporation
Product Name	Amplificador Smart WiFi 6 Go
Product Model Variant	HGW-500IX4X4-M v3
Model Number	HGW-500IX4X4-Mv3
Category	Routers
Sub-category	Access Point for Home or Small Office (Wireless Router)

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Network management	WMM® Wi-Fi Agile Multiband™
Security	Protected Management Frames WPA2™-Personal 2021-01 WPA3™-Personal 2022-06 Wi-Fi Enhanced Open™ 2021-01
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

Wi-Fi Components

Wi-Fi Component Operating System

Linux

Wi-Fi Component Firmware

GL_g1.2_100XPD0b3

RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	4	4
5 GHz	4	4

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
160 MHz Channel Width in 5 GHz

Protected Management Frames

WMM®

WPA2™-Personal 2021-01

WPA3™-Personal 2022-06

Wi-Fi Agile Multiband™

Cellular Data aware

Wi-Fi CERTIFIED 6®

Wi-Fi CERTIFIED 6® (continued)

4 antenna support
A-MPDU with A-MSDU
Basic Trigger frame in HE MU PPDU
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
Operating mode subfield in A-Control field
Operating mode indication
Operating mode UL MU Rx
SU beamformer
SU-MIMO
TXOP RTS Threshold
UL OFDMA

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Role: Access Point

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU
DL MU-MIMO
LDPC Rx
LDPC Tx
MCS 8-9 Rx
RTS with BW Signaling
Short Guard Interval
STBC
SU beamformer

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

A-MPDU Tx
HT Duplicate Mode
OBSS on Extension Channel
Short Guard Interval
STBC

Wi-Fi Enhanced Open™ 2021-01

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