



Wi-Fi CERTIFIED™ Interoperability Certificate

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



Certification ID: WFA102066

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Date of Last Certification	October 05, 2020
Company	Sercomm Corporation
Product	RHG3006
Model Number	RHG3006
Product Identifier(s)	
Category	Routers
Subcategory	Access Point for Home or Small Office (Wireless Router)
Hardware Version	Product: V1, Wi-Fi Component: V1
Firmware Version	Product: XF6_3.0.02.00, Wi-Fi Component: 17.10.99.17cpe5.02L05p1
Operating System	Linux
Frequency Band(s)	2.4 GHz, 5 GHz - Concurrent

Summary of Certifications

CLASSIFICATION	PROGRAM
Connectivity	Wi-Fi CERTIFIED 6™
	Wi-Fi CERTIFIED™ a, b, g, n, ac
	WPA™ - Personal
	WPA2™ - Personal
	WPA3™ - Personal
Optimization	Wi-Fi Agile Multiband™
	WMM®



Security

WPA™ - Personal
WPA2™ - Personal
WPA3™ - Personal (Aug 2019)
Protected Management Frames

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

2.4 GHz, 5 GHz - Concurrent
3 Spatial Streams 2.4 GHz
3 Spatial Streams 5 GHz
Short Guard Interval
TX A-MPDU
STBC Transmit
40 MHz operation in 2.4 GHz, with coexistence mechanisms
40 MHz operation in 5 GHz
HT Duplicate Mode (MCS 32)

Wi-Fi CERTIFIED™ ac

4 Spatial Streams 5 GHz
Rx MCS 8-9 (256-QAM)
Tx STBC 2x1
Tx SU beamformer
Low Density Parity Check coding
Tx DL MU-MIMO
Rx 160 MHz operations

Wi-Fi CERTIFIED 6™

4 Spatial Streams 2.4 GHz Rx
4 Spatial Streams 5 GHz Rx
Maximum Supported Channel Width (20, 40, 80, 160 MHz)
DL MU-MIMO
DL SU Beamforming
DL OFDMA
UL OFDMA
Target Wake Time (TWT)
MCS 8-9 Rx
MCS 10-11 Rx
MU-BAR trigger frame
DL MU-PPDU with basic trigger frame
Buffer Status Report (BSRP) trigger frame
MU EDCA Parameter set
Low Density Parity Check (LDPC) coding
Operating Mode Rx

Wi-Fi Agile Multiband™

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