



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/programs



Certification ID: WFA129080

Product Info

Date of Certification	February 15, 2024
Company	Silicon Laboratories Inc.
Product Name	Singleband 802.11ax Advanced Wi-Fi Combo Solution
Product Model Variant	BRD4338A
Model Number	SiWG917
Category	Other
Sub-category	Embedded Module

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Connectivity	2.4 GHz Spectrum Capabilities Wi-Fi CERTIFIED 6® Release 2 Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n
Optimization	WMM® Wi-Fi Agile Multiband™
Security	Protected Management Frames WPA2™-Personal 2021-01 WPA3™-Personal 2023-12



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Role: Station

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Wi-Fi Components

Wi-Fi Component Operating System

Proprietary

Wi-Fi Component Firmware

2.10.1

RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	1	1

Certifications

2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz

Protected Management Frames

WMM®

WPA2™-Personal 2021-01

WPA3™-Personal 2023-12

Wi-Fi Agile Multiband™

Wi-Fi CERTIFIED 6® Release 2

Beamforming sounding
BSRP Trigger frame
DL MU-MIMO
DL MU PPDU multi-tone
Individual Target Wake Time
MU EDCA Parameter Set element
MU-BAR Trigger frame
MU-RTS Trigger frame
SU beamformee
SU-MIMO
UL OFDMA

Wi-Fi CERTIFIED 6® Release 2 (continued)

UL TB PPDU multi-tone
Wi-Fi 6 Release 2 features
UL Extended Range
M-BSSID control frames

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

A-MPDU Tx
Power Management
Short Guard Interval
STBC