



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 WiFi Combo Module
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 WPA™-Personal



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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

WPA™-Personal

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

Wi-Fi CERTIFIED 6® Release 2 (continued)

SU-MIMO
 UL OFDMA
 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