# 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: WFA132014

## Product Info

| | |
|---|---|
| Date of Certification | January 13, 2025 |
| Company | Silicon Laboratories Inc. |
| Product Name | Singleband 802.11ax Advanced WiFi Combo Solution |
| Product Model Variant | BRD4346A_13012025 |
| Model Number | SiWN917 |
| Category | Other |
| Sub-category | Embedded Module |

## Summary of Certifications

| CLASSIFICATION | CERTIFICATION |
|---|---|
| Connectivity | 2.4 GHz Spectrum Capabilities<br>Wi-Fi CERTIFIED 6® Release 2<br>Wi-Fi CERTIFIED™ b<br>Wi-Fi CERTIFIED™ g<br>Wi-Fi CERTIFIED™ n |
| Optimization | WMM®<br>Wi-Fi Agile Multiband™ |
| Security | Protected Management Frames<br>WPA2™-Personal 2021-01<br>WPA3™-Personal 2024-10 |

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## Wi-Fi Components

### Wi-Fi Component Operating System
Proprietary

### Wi-Fi Component Firmware
2.13.3

### 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 2024-10

### 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