



# 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](http://www.wi-fi.org/certification/programs)

**Certification ID: WFA113521**

## Product Info

|                              |   |
|------------------------------|---|
| <b>Date of Certification</b> | November 9, 2021  |
| <b>Company</b>               | Sercomm Corporation                                     |
| <b>Product Name</b>          | SAX1V1R   |
| <b>Product Model Variant</b> | Project 6   |
| <b>Model Number</b>          | Project 6   |
| <b>Category</b>              | Routers   |
| <b>Sub-category</b>          | Access Point for Home or Small Office (Wireless Router) |

## Summary of Certifications

| <b>CLASSIFICATION</b>                     | <b>CERTIFICATION</b>  |
|---|---|
| <b>Access</b>                             | Wi-Fi Easy Connect™   |
| <b>Connectivity</b>                       | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<br>Wi-Fi CERTIFIED 6®<br>Wi-Fi CERTIFIED™ a<br>Wi-Fi CERTIFIED™ ac<br>Wi-Fi CERTIFIED™ b<br>Wi-Fi CERTIFIED™ g<br>Wi-Fi CERTIFIED™ n |
| <b>Optimization</b>                       | WMM®<br>Wi-Fi Agile Multiband™  |
| <b>Security</b>                           | Protected Management Frames<br>WPA2™-Personal 2021-01<br>WPA3™-Personal 2020-02<br>WPA™-Personal  |
| <b>Spectrum &amp; Regulatory Features</b> | Spectrum & Regulatory   |



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Role: Access Point

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux

### Wi-Fi Component Firmware

V1.02.06.01\_WFA

### 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

### Protected Management Frames

### Spectrum & Regulatory

802.11d  
802.11h

### WMM®

### WPA2™-Personal 2021-01

### WPA3™-Personal 2020-02

### WPA™-Personal

### Wi-Fi Agile Multiband™

#### Wi-Fi CERTIFIED 6®

4 antenna support  
A-MPDU with A-MSDU  
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  
Operating mode indication  
SU beamformer  
SU-MIMO  
UL OFDMA

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

Extended 5 GHz Channel Support  
A-MPDU with A-MSDU



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## Wi-Fi CERTIFIED™ ac (continued)

DL MU-MIMO  
LDPC Rx  
LDPC Tx  
MCS 8-9 Rx  
Short Guard Interval  
STBC  
SU beamformer

## Wi-Fi CERTIFIED™ b

## Wi-Fi CERTIFIED™ g

## Wi-Fi CERTIFIED™ n

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

## Wi-Fi Easy Connect™

Bootstrapping methods  
QR code responder