



# 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: WFA125749**

## Product Info

|                       |                                   |
|-----------------------|-----------------------------------|
| Date of Certification | April 10, 2023                    |
| Company               | Hansong (Nanjing) Technology Ltd. |
| Product Name          | SX Speaker                        |
| Product Model Variant | SXSPKR                            |
| Model Number          | SXSPKR                            |
| Category              | Gaming, Media & Music             |
| Sub-category          | Digital Audio                     |

## Summary of Certifications

| CLASSIFICATION | CERTIFICATION   |
|----------------|---|
| Connectivity   | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<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 |
| Optimization   | WMM®  |
| Security       | Protected Management Frames<br>WPA2™-Personal 2021-01<br>WPA3™-Personal 2020-02<br>WPA™-Personal  |



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Role: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux

### Wi-Fi Component Firmware

SD8887-15.68.19.p59-C4X15C698-GPL-(FP68)

### RF Architecture

| Bands Supported | Transmit (Tx) | Receive (Rx) |
|-----------------|---------------|--------------|
| 2.4 GHz         | 1             | 1            |
| 5 GHz           | 1             | 1            |

## Certifications

### 2.4 GHz Spectrum Capabilities

20 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

### WMM®

### WPA2™-Personal 2021-01

### WPA3™-Personal 2020-02

### WPA™-Personal

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU

### Wi-Fi CERTIFIED™ ac (continued)

LDPC Rx

MCS 8-9 Rx

Short Guard Interval

STBC

LDPC Tx

SU beamformee

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

A-MPDU Tx

HT Duplicate Mode

OBSS on Extension Channel

Short Guard Interval

STBC