



# 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: WFA100620**

## Product Info

Date of Certification	October 22, 2020
Company	Skyworth Group
Product Name	Wi-Fi6 Wireless Router
Product Model Variant	2020-10-22 (WFA100620 - 11291910)
Model Number	SK-WR9540X
Category	Routers
Sub-category	Access Point for Home or Small Office (Wireless Router)

## Summary of Certifications

CLASSIFICATION	CERTIFICATION
Network management	WMM® Wi-Fi Agile Multiband™
Security	Protected Management Frames WPA2™-Personal 2018-04 WPA3™-Personal 2020-02
Wi-Fi (MAC/PHY)	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED 6® Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n

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Role: Access Point

Page 2 of 3

## Wi-Fi Components

### Wi-Fi Component Operating System

Linux, version:4.1.25

### Wi-Fi Component Firmware

0x8a01

### RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	2	2
5 GHz	2	2

## 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

### WMM®

### WPA2™-Personal 2018-04

### WPA3™-Personal 2020-02

### Wi-Fi Agile Multiband™

Cellular Data aware

### Wi-Fi CERTIFIED 6®

### Wi-Fi CERTIFIED 6® (continued)

A-MPDU with A-MSDU

Basic Trigger frame in HE MU PPDU

BSRP Trigger frame

Compressed Block Ack Rx (buffer size 256)

Compressed Block Ack Tx (buffer size 256)

DL OFDMA

Individual Target Wake Time

LDPC Rx

LDPC Tx

MCS 8-9 Rx

MCS 10-11 Rx

MU EDCA Parameter Set element

MU-BAR Trigger frame

Operating mode subfield in A-Control field

Operating mode indication

Operating mode UL MU Rx

SU-MIMO

TXOP RTS Threshold

UL OFDMA

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

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Page 3 of 3

## Wi-Fi CERTIFIED™ ac (continued)

A-MPDU with A-MSDU  
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

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