



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: WFA113512

Product Info

Date of Certification	July 19, 2021
Company	Ruckus Wireless, Inc.
Product Name	Ruckus H550 / SmartZone 144
Product Model Variant	Ruckus H550 / SmartZone 144
Model Number	H550/SZ144
Category	Routers
Sub-category	Enterprise/Service Provider Access Point, Switch/Controller or Router

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Passpoint® Release 3
Connectivity	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 Wi-Fi Enhanced Open™ 2021-01
Optimization	WMM® Wi-Fi Agile Multiband™ Wi-Fi Optimized Connectivity™ 2018 Wi-Fi Vantage™ Release 2
Security	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2021-01 WPA3™-Enterprise 2020-02 WPA3™-Personal 2020-02



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Summary of Certifications (continued)

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CLASSIFICATION

CERTIFICATION

Spectrum & Regulatory
Features

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

6.0.0.7.15

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

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

Passpoint® Release 3

Online Sign Up and Policy provisioning

Online Sign Up using single SSID

Roaming Consortium Selection

Venue Information

Terms and Conditions

Protected Management Frames

Spectrum & Regulatory

802.11d

802.11h

WMM®

WPA2™-Enterprise 2018-04

EAP methods

WPA2™-Personal 2021-01

WPA3™-Enterprise 2020-02

EAP methods

192-bit security

Fast Transition OTA on WPA3-Enterprise

Fast Transition OTA on WPA3-Enterprise transition mode

WPA3™-Personal 2020-02

Fast Transition OTA on WPA3-Personal

Fast Transition OTA on WPA3-Personal transition mode

Wi-Fi Agile Multiband™

Automatically populate BSS Transition candidate list

Cellular Data aware



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Wi-Fi Agile Multiband™ (continued)

Fast Transition OTA on WPA2-Enterprise
Fast Transition OTA on WPA2-Personal

Wi-Fi CERTIFIED 6®

A-MPDU with A-MSDU
Basic Trigger frame in HE MU PPDU
Beamforming sounding
BSRP Trigger frame
Compressed Block Ack Rx (buffer size 256)
Compressed Block Ack Tx (buffer size 256)
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
MU EDCA Parameter Set element
MU-BAR Trigger frame
Operating mode indication
SU beamformer
TXOP RTS Threshold
UL OFDMA

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

RTS with BW Signaling
Extended 5 GHz Channel Support
A-MPDU with A-MSDU
DL MU-MIMO

Wi-Fi CERTIFIED™ ac (continued)

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 Enhanced Open™ 2021-01

Wi-Fi Optimized Connectivity™ 2018

FILS Shared Key Authentication
FILS Indication Element support
FILS Higher Layer Protocol with DHCP v4 Rapid Commit
FILS Higher Layer Protocol with DHCP v4 Rapid Commit using an external DHCP server
Fast Transition OTA on WPA2-Enterprise
Reduced Neighbor Report included in FILS Discovery frames
Reduced Neighbor Report includes all neighboring BSS

Wi-Fi Vantage™ Release 2