



# Wi-Fi CERTIFIED® Certificate



This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: [www.wi-fi.org](http://www.wi-fi.org)

**Certification ID: WFA73395**

## Product Info

|                              |   |
|------------------------------|---|
| <b>Date of Certification</b> | September 5, 2017                                       |
| <b>Company</b>               | Ruckus Networks   |
| <b>Product Name</b>          | Ruckus ZoneFlex R510 / vSZ                              |
| <b>Product Model Variant</b> | 2017-09-05 (WFA73395 - 6140149)                         |
| <b>Model Number</b>          | R510/vSZ  |
| <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>             | Passpoint® Release 2   |
| <b>Network management</b> | WMM®   |
| <b>Security</b>           | Protected Management Frames<br>WPA2™-Enterprise<br>WPA2™-Personal  |
| <b>Segment-specific</b>   | Wi-Fi Vantage™ Release 1   |
| <b>Wi-Fi (MAC/PHY)</b>    | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<br>Spectrum & Regulatory<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 |

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Role: Access Point

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux

### Wi-Fi Component Firmware

3.4.0.7.17

### 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

### Passpoint® Release 2

Online Sign Up and Policy provisioning

### Protected Management Frames

### Spectrum & Regulatory

802.11d  
802.11h

### WMM®

### WPA2™-Enterprise

EAP methods

### WPA2™-Personal

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

RTS with BW Signaling  
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

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## Wi-Fi CERTIFIED™ n (continued)

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

## Wi-Fi Vantage™ Release 1

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