

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: WFA72526

Product Info

Date of Certification July 21, 2017

Company Ruckus Wireless, Inc.

Product Name Ruckus ZoneFlex R710 / ZoneDirector 3000

Product Model Variant 2017-07-21 (WFA72526 - 5903644)

Model Number R710 / ZD3000

Category Routers

Sub-category Enterprise/Service Provider Access Point, Switch/Controller or Router

Summary of Certifications

CLASSIFICATION CERTIFICATION

Connectivity 2.4 GHz Spectrum Capabilities

5 GHz Spectrum Capabilities

Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n

Optimization WMM®

Security Protected Management Frames

WPA2[™]-Enterprise WPA2[™]-Personal WPA[™]-Enterprise WPA[™]-Personal

Spectrum & Regulatory

Features

Spectrum & Regulatory



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Wi-Fi Components Wi-Fi Component Operating System Linux Wi-Fi Component Firmware 9.13.1.7.20 Bands Supported Transmit (Tx) Receive (Rx) 2.4 GHz 4 4 5 GHz 4 4 5 GHz 4 4 Certifications 2.4 GHz Spectrum Capabilities WPA2™-Personal WPA1™-Enterprise WPA1™-Personal 5 GHz Spectrum Capabilities WFI CERTIFIED™ a Wi-Fi CERTIFIED™ ac Spectrum & Regulatory Wi-Fi CERTIFIED™ b WWA1™-Enterprise Wi-Fi CERTIFIED™ b				
Hinux Wi-Fi Component Firmware 9.13.1.7.20 Bands Supported Transmit (Tx) Receive (Rx) 2.4 GHz 4 4 5 GHz 4 4 Certifications 2.4 GHz 9.13.1.7.20 Certifications WPA2™-Personal WPA1™-Personal Figure Spectrum Capabilities WPA1™-Personal Figure Spectrum Capabilities WPA1™-Personal WPA1™-Personal WFFI CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ b	Role: Access Point		Page 2 of 3	
Linux Wi-Fi Component Firmware 9.13.1.7.20 2.4 GHz	Wi-Fi Components			
## Bands Supported Transmit (Tx) Receive (Rx) ## Parameter	Wi-Fi Component Operating System	RF Architecture		
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Certifications 2.4 GHz Spectrum Capabilities 20 MHz Channel Width in 2.4 GHz 40 MHz Channel Width in 2.4 GHz WPA™-Enterprise WPA™-Personal 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ ac 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 WMM® Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ b	•	2.4 GHz 4	4	
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WPA™-Personal 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a 20 MHz Channel Width in 5 GHz 40 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHz 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 WMM® Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ b	2.4 GHz Spectrum Capabilities	WPA2™-Personal		
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Protected Management Frames DL MU-MIMO LDPC Rx LDPC Tx MCS 8-9 Rx Short Guard Interval STBC SU beamformer WMM® Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g		Wi-Fi CERTIFIED™ ac		
Protected Management Frames DL MU-MIMO	80 MHz Channel Width in 5 GHz			
Spectrum & Regulatory B02.11d B02.11h STBC SU beamformer WMM® Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g	Protected Management Frames			
MCS 8-9 Rx 802.11d 802.11h Short Guard Interval STBC SU beamformer WMM® Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g	-			
802.11h STBC SU beamformer Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g	Spectrum & Regulatory			
WMM® Wi-Fi CERTIFIED™ b WPA2™-Enterprise Wi-Fi CERTIFIED™ g				
WPA2™-Enterprise Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g	002.1111			
WPA2™-Enterprise Wi-Fi CERTIFIED™ g	WMM®	Wi-Fi CERTIFIED™ b		
	WPA2™-Enterprise			
Wi-Fi CERTIFIED™ n	EAP methods			



Wi-Fi CERTIFIED™ Certificate



Certification ID: WFA72526

Role: Access Point	
Wi-Fi CERTIFIED™ n (continued)	
OBSS on Extension Channel	
RIFS	
Short Guard Interval	
STBC	
A-MPDU Tx	