



This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: www.wi-fi.org

Certification ID: WFA129480

Product Info

ve Systems Co., Ltd.
PA3R3+WPA2)

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Wi-Fi Protected Setup™
Alternative topologies	Wi-Fi Direct®
Applications	Miracast®
Network management	WMM® WMM®-Power Save
Security	Protected Management Frames WPA2™-Personal 2021-01 WPA3™-Personal 2022-06
Wi-Fi (MAC/PHY)	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Spectrum & Regulatory 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		Pa	age 2 of 6	
Wi-Fi Components				
Wi-Fi Component Operating System	RF Architecture	RF Architecture		
Linux 4.14.75	Bands Supported	Transmit (Tx)	Receive (Rx)	
Wi-Fi Component Firmware	2.4 GHz	1	1	
17.68.1.p136	5 GHz	2	2	
Certifications				
2.4 GHz Spectrum Capabilities	WPA3™-Personal	WPA3™-Personal 2022-06		
20 MHz Channel Width in 2.4 GHz	Wi-Fi CERTIFIED ^T	Wi-Fi CERTIFIED™ a		
5 GHz Spectrum Capabilities	Wi-Fi CERTIFIED ^T	^м ac		
20 MHz Channel Width in 5 GHz 40 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHz	A-MPDU with A-MSDU LDPC Rx LDPC Tx MCS 8-9 Rx Short Quard Interval			
Protected Management Frames	Short Guard Interval STBC SU beamformer			
Spectrum & Regulatory				
802.11d	Wi-Fi CERTIFIED™ b			
	Wi-Fi CERTIFIED ⁺	™ g		
WMM®	Wi-Fi CERTIFIED [™]	^м n		
WMM®-Power Save				
Legacy Power Save	A-MPDU Tx HT Duplicate Mode			
Unschedule auto PS	OBSS on Extension Cha Short Guard Interval	annel		
WPA2™-Personal 2021-01	STBC			

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Role: Access Point Page 3 of 6 Wi-Fi Protected Setup[™] PIN Pushbutton

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Wi-Fi CERTIFIED® Certificate

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Role: Station

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Wi-Fi Components			
Wi-Fi Component Operating System	RF Architecture		
Linux 4.14.75	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware 17.68.1.p136	2.4 GHz	1	1
11.00.1.0100	5 GHz	2	2

Certifications

2.4 GHz Spectrum Capabilities	Wi-Fi CERTIFIED™ ac
20 MHz Channel Width in 2.4 GHz	A-MPDU with A-MSDU LDPC Rx
5 GHz Spectrum Capabilities	MCS 8-9 Rx Short Guard Interval
20 MHz Channel Width in 5 GHz 40 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHz	STBC LDPC Tx SU beamformee
Protected Management Frames	Wi-Fi CERTIFIED™ b
WMM®	Wi-Fi CERTIFIED™ g
WMM®-Power Save	Wi-Fi CERTIFIED™ n
Legacy Power Save Unschedule auto PS	A-MPDU Tx HT Duplicate Mode OBSS on Extension Channel Power Management
	HT Duplicate Mode
Unschedule auto PS	HT Duplicate Mode OBSS on Extension Channel Power Management Short Guard Interval
Unschedule auto PS WPA2™-Personal 2021-01	HT Duplicate Mode OBSS on Extension Channel Power Management Short Guard Interval

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Role: Station

Role: Station	Page 5 of 6
Wi-Fi Protected Setup™ (continued)	
PIN Pushbutton	

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Role: Display Page 6 of 6		age 6 of 6	
Wi-Fi Components			
Wi-Fi Component Operating System	RF Architecture		
Linux 4.14.75 Wi-Fi Component Firmware 17.68.1.p136	Bands Supported	Transmit (Tx)	Receive (Rx)
	2.4 GHz	1	1
	5 GHz	2	2
Certifications			
Miracast®			
HDCP Encryption			

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