

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: WFA81736

Product Info

Date of Certification	January 25, 2019	
Company	LG Electronics	
Product Name	LM-X420EMW	
Product Model Variant	2019-01-25 (WFA81736 - 8001632)	
Model Number	LM-X420EMW	
Category	Phones	
Sub-category	Smartphone	

Summary of Certifications

CLASSIFICATION	CERTIFICATION	
Access	Wi-Fi Protected Setup™	
Alternative topologies	Wi-Fi Direct®	
Network management	WMM® WMM®-Admission Control WMM®-Power Save	
Performance	Voice-Enterprise	
Security	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2018-04	
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: Station

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Wi-Fi Components			
Wi-Fi Component Operating System	RF Architecture		
Android, version:O-OS	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware Ver 1.0	2.4 GHz	1	1
	5 GHz	1	1

Certifications

2.4 GHz Spectrum Capabilities	WMM®-Power Save (continued)
20 MHz Channel Width in 2.4 GHz 40 MHz Channel Width in 2.4 GHz	Legacy Power Save Unschedule auto PS
5 GHz Spectrum Capabilities	WPA2™-Enterprise 2018-04
20 MHz Channel Width in 5 GHz 40 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHz	EAP methods EAP AKA EAP AKA Prime EAP SIM
Protected Management Frames Spectrum & Regulatory	EAP TLS EAP TTLS PEAPv0 PEAPv1
802.11h	WPA2™-Personal 2018-04
Voice-Enterprise	Wi-Fi CERTIFIED™ a
WMM®	Wi-Fi CERTIFIED™ ac
WMM®-Admission Control WMM®-Power Save	Extended 5 GHz Channel Support DL MU-MIMO
	MCS 8-9 Rx

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Wi-Fi CERTIFIED[™] Certificate

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Role: Station Page Wi-Fi CERTIFIED TM ac (continued) Short Guard Interval STBC SU-Fi CERTIFIED TM b Wi-Fi CERTIFIED TM n STBC AMPDU Tx HT Duplicate Mode OBSS on Extension Channel Power Management Short Guard Interval Stort Guard Interval Power Management Short Guard Interval Pin Protected Setup TM	Wi-Fi CERTIFIED™ ac (continued) Short Guard Interval STBC SU beamformee Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n STBC A-MPDU Tx HT Duplicate Mode OBSS on Extension Channel Power Management Short Guard Interval Wi-Fi Direct® Wi-Fi Direct Starte Setup™		
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PIN	PIN	Wi-Fi Direct®	
		Wi-Fi Protected Setup™	

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