



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: WFA63801

Product Info

Date of Certification	April 3, 2018
Company	Samsung Electronics
Product Name	SM-G935X
Product Model Variant	2018-04-03 (WFA63801 - 7091052)
Model Number	SM-G935X
Category	Phones
Sub-category	Smartphone

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Wi-Fi Protected Setup™
Alternative topologies	Wi-Fi Direct®
Applications	Miracast®
Network management	WMM® WMM®-Admission Control WMM®-Power Save
Performance	Voice-Enterprise
Security	Protected Management Frames WPA2™-Enterprise WPA2™-Personal 2017-10
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

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Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA63801



Summary of Certifications (continued)		Page 2 of 5
CLASSIFICATION	CERTIFICATION	
Wi-Fi (MAC/PHY)	Wi-Fi CERTIFIED™ n	



Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA63801



Role: Station

Page 3 of 5

Wi-Fi Components

Wi-Fi Component Operating System

Android, version:8.0

Wi-Fi Component Firmware

REV1.0

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

WMM®-Power Save (continued)

Legacy Power Save
Unschedule auto PS

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

WPA2™-Enterprise

EAP methods
EAP AKA
EAP AKA Prime
EAP FAST-MSCHAPv2
EAP SIM
EAP TLS
EAP TTLS
PEAPv0
PEAPv1

Protected Management Frames

Spectrum & Regulatory

802.11h

WPA2™-Personal 2017-10

Voice-Enterprise

WMM®

Wi-Fi CERTIFIED™ a

WMM®-Admission Control

Wi-Fi CERTIFIED™ ac

WMM®-Power Save

A-MPDU with A-MSDU
LDPC Rx

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Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA63801



Role: Station

Page 4 of 5

Wi-Fi CERTIFIED™ ac (continued)

MCS 8-9 Rx
Short Guard Interval
LDPC Tx
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
RIFS
Power Management
Short Guard Interval

Wi-Fi Direct®

Wi-Fi Protected Setup™

PIN
Pushbutton

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Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA63801



Role: Source

Page 5 of 5

Wi-Fi Components

Wi-Fi Component Operating System

Android, version:8.0

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REV1.0

RF Architecture

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Certifications

Miracast®

HDCP Encryption

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