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 ID: WFA69529

Product Info

Date of Certification	November 12, 2018
Company	Samsung Electronics
Product Name	SM-G950U
Product Model Variant	2018-11-12 (WFA69529 - 7690279)
Model Number	SM-G950U
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 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

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Wi-Fi CERTIFIED® Certificate

Certification ID: WFA69529

Summary of Certifications (continued)

CLASSIFICATION	CERTIFICATION
Wi-Fi (MAC/PHY)	Wi-Fi CERTIFIED™ n

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Wi-Fi CERTIFIED® Certificate

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Wi-Fi Components

Wi-Fi Component Operating System

Android, version:9.0

Wi-Fi Component Firmware

13.35.42

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

Protected Management Frames

Spectrum & Regulatory

802.11h

Voice-Enterprise

WMM®

WMM®-Admission Control

WMM®-Power Save

WMM®-Power Save (continued)

Legacy Power Save
Unschedule auto PS

WPA2™-Enterprise 2018-04

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

WPA2™-Personal 2018-04

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

Extended 5 GHz Channel Support
A-MPDU with A-MSDU

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Wi-Fi CERTIFIED® Certificate

Certification ID: WFA69529

Role: Station

Wi-Fi CERTIFIED™ ac (continued)

DL MU-MIMO
LDPC Rx
MCS 8-9 Rx
Short Guard Interval
STBC
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
Power Management
Short Guard Interval

Wi-Fi Direct®

Wi-Fi Protected Setup™

Pushbutton

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Wi-Fi CERTIFIED® Certificate

Certification ID: WFA69529

Role: Source

Wi-Fi Components

Wi-Fi Component Operating System

Android, version:9.0

Wi-Fi Component Firmware

13.35.42

RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	2	2
5 GHz	2	2

Certifications

Miracast®

HDCP Encryption

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