



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: WFA70386

Product Info

Date of Certification	July 27, 2018
Company	Samsung Electronics
Product Name	SM-J530G/DS
Product Model Variant	2018-07-27 (WFA70386 - 7404406)
Model Number	SM-J530G/DS
Category	Phones
Sub-category	Smartphone

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 Wi-Fi Direct®
Optimization	WMM® WMM®-Power Save
Security	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2018-04



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Certification ID: WFA70386



Role: Station

Page 2 of 3

Wi-Fi Components

Wi-Fi Component Operating System

Android, version:8.0

Wi-Fi Component Firmware

7.120.2

RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	1	1
5 GHz	1	1

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

WMM®

WMM®-Power Save

WPA2™-Enterprise 2018-04

EAP methods
EAP AKA
EAP AKA Prime
EAP FAST-MSCHAPv2
EAP SIM
EAP TLS

WPA2™-Enterprise 2018-04 (continued)

EAP TTLS
PEAPv0
PEAPv1

WPA2™-Personal 2018-04

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

LDPC Rx
Short Guard Interval
LDPC Tx
SU beamformee

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

A-MPDU Tx
HT Duplicate Mode



Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA70386



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Page 3 of 3

Wi-Fi CERTIFIED™ n (continued)

OBSS on Extension Channel

RIFS

Short Guard Interval

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