# 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: WFA71866

## Product Info

| | |
|---|---|
| **Date of Certification** | July 27, 2018 |
| **Company** | Samsung Electronics |
| **Product Name** | SM-J530YM/DS |
| **Product Model Variant** | 2018-07-27 (WFA71866 - 7404858) |
| **Model Number** | SM-J530YM/DS |
| **Category** | Phones |
| **Sub-category** | Smartphone |

## Summary of Certifications

| CLASSIFICATION | CERTIFICATION |
|---|---|
| **Alternative topologies** | Wi-Fi Direct® |
| **Network management** | WMM®<br>WMM®-Power Save |
| **Security** | Protected Management Frames<br>WPA2™-Enterprise 2018-04<br>WPA2™-Personal 2018-04 |
| **Wi-Fi (MAC/PHY)** | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<br>Wi-Fi CERTIFIED™ a<br>Wi-Fi CERTIFIED™ ac<br>Wi-Fi CERTIFIED™ b<br>Wi-Fi CERTIFIED™ g<br>Wi-Fi CERTIFIED™ n |

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## 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™ n (continued)

OBSS on Extension Channel

RIFS

Short Guard Interval

### Wi-Fi Direct®