



# Wi-Fi CERTIFIED® Certificate

This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: [www.wi-fi.org](http://www.wi-fi.org)



**Certification ID: WFA111142**

## Product Info

<b>Date of Certification</b>	March 10, 2021
<b>Company</b>	Samsung Electronics
<b>Product Name</b>	SM-M426B/DS
<b>Product Model Variant</b>	2021-03-10
<b>Model Number</b>	SM-M426B/DS
<b>Category</b>	Phones
<b>Sub-category</b>	Smartphone

## Summary of Certifications

CLASSIFICATION	CERTIFICATION
<b>Access</b>	Wi-Fi Protected Setup™
<b>Alternative topologies</b>	Wi-Fi Aware™ Wi-Fi Direct®
<b>Network management</b>	WMM® WMM®-Admission Control WMM®-Power Save
<b>Performance</b>	Voice-Enterprise
<b>Security</b>	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2021-01 WPA3™-Enterprise 2020-02 WPA3™-Personal 2020-02 Wi-Fi Enhanced Open™ 2021-01
<b>Wi-Fi (MAC/PHY)</b>	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Spectrum & Regulatory Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac

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# Wi-Fi CERTIFIED® Certificate

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## Summary of Certifications (continued)

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

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# Wi-Fi CERTIFIED® Certificate

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Role: Access Point

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## Wi-Fi Components

### Wi-Fi Component Operating System

Android, version:11.0

### Wi-Fi Component Firmware

3.3.1-00443.1

### 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

### Wi-Fi CERTIFIED™ n

OBSS on Extension Channel  
Short Guard Interval  
A-MPDU Tx

### 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®

### WPA2™-Personal 2021-01

### WPA3™-Personal 2020-02

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

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Role: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

Android, version:11.0

### Wi-Fi Component Firmware

3.3.1-00443.1

### 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

### WPA2™-Enterprise 2018-04

EAP methods  
EAP AKA  
EAP AKA Prime  
EAP SIM  
EAP TLS  
EAP TTLS  
PEAPv0  
PEAPv1

### 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

### WPA2™-Personal 2021-01

### WPA3™-Enterprise 2020-02

EAP methods  
EAP AKA  
EAP AKA Prime  
EAP SIM  
EAP TLS  
EAP TTLS  
PEAPv0  
PEAPv1

### Voice-Enterprise

### WMM®

### WMM®-Admission Control

### WMM®-Power Save

### WPA3™-Personal 2020-02

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Role: Station

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## Wi-Fi Aware™

Bluetooth® Low Energy - Browser  
Bluetooth® Low Energy - Provider  
Bluetooth® Low Energy - Seeker

## Wi-Fi Protected Setup™ (continued)

Pushbutton

## Wi-Fi CERTIFIED™ a

## Wi-Fi CERTIFIED™ ac

Extended 5 GHz Channel Support  
A-MPDU with A-MSDU  
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  
OBSS on Extension Channel  
Power Management  
Short Guard Interval

## Wi-Fi Direct®

## Wi-Fi Enhanced Open™ 2021-01

## Wi-Fi Protected Setup™

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