# 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: WFA127067

## Product Info

| | |
|---|---|
| **Date of Certification** | December 14, 2023 |
| **Company** | Samsung Electronics |
| **Product Name** | Galaxy Tab A9+ |
| **Product Model Variant** | Android 14 |
| **Model Number** | SM-X216B |
| **Category** | Tablets, Ereaders & Cameras |
| **Sub-category** | Tablet (Wi-Fi and other) |

## Summary of Certifications

| CLASSIFICATION | CERTIFICATION |
|---|---|
| **Access** | Wi-Fi Protected Setup™ |
| **Alternative topologies** | Wi-Fi Direct® |
| **Network management** | WMM®<br>WMM®-Admission Control<br>WMM®-Power Save |
| **Performance** | Voice-Enterprise |
| **Security** | Protected Management Frames<br>WPA2™-Enterprise 2018-04<br>WPA2™-Personal 2021-01<br>WPA3™-Enterprise 2022-12<br>WPA3™-Personal 2022-06 |
| **Wi-Fi (MAC/PHY)** | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<br>Spectrum & Regulatory<br>Wi-Fi CERTIFIED™ a<br>Wi-Fi CERTIFIED™ ac<br>Wi-Fi CERTIFIED™ b<br>Wi-Fi CERTIFIED™ g |

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# Wi-Fi CERTIFIED® Certificate

## Certification ID: WFA127067

### Summary of Certifications (continued)



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

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# Wi-Fi CERTIFIED® Certificate

## Certification ID: WFA127067



## Wi-Fi Components

**Wi-Fi Component Operating System**

Android 14

**Wi-Fi Component Firmware**

3.3.2.0.481.0

**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

### 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 2022-06

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU
MCS 8-9 Rx
Short Guard Interval

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

OBSS on Extension Channel
Short Guard Interval
A-MPDU Tx

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# Wi-Fi CERTIFIED® Certificate

## Certification ID: WFA127067

**Role: Station** 

## Wi-Fi Components

**Wi-Fi Component Operating System**

Android 14

**Wi-Fi Component Firmware**

3.3.2.0.481.0

**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

### 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 SIM
- EAP TLS
- EAP TTLS
- PEAPv0
- PEAPv1

### WPA2™-Personal 2021-01

### WPA3™-Enterprise 2022-12

EAP methods
- EAP AKA
- EAP AKA Prime
- EAP SIM
- EAP TLS

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# Wi-Fi CERTIFIED® Certificate

## Certification ID: WFA127067

**Role: Station** 

### WPA3™-Enterprise 2022-12 (continued)

- EAP TTLS
- PEAPv0
- PEAPv1

Server Certificate Validation

### WPA3™-Personal 2022-06

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

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

A-MPDU Tx
OBSS on Extension Channel
Power Management
Short Guard Interval
STBC

### Wi-Fi Direct®

Wi-Fi Direct with WPA2

### Wi-Fi Protected Setup™

PIN
Pushbutton

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