



# 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](http://www.wi-fi.org/certification/programs)

**Certification ID: WFA76720**

## Product Info

Date of Certification	October 5, 2018
Company	Qualcomm
Product Name	Snapdragon(tm) 835 based Linux Android System with 2 Steam 802.11ac Connectivity
Product Model Variant	2018-10-05 (WFA76720 - 7484847)
Model Number	QC-DB-L00003_1
Category	Other
Sub-category	Reference Design

## Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Wi-Fi Easy Connect™
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 Enhanced Open™ 2018-04
Optimization	WMM®
Security	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2018-04 WPA3™-Enterprise 2018-04 WPA3™-Personal 2018-04 WPA™-Enterprise WPA™-Personal



# Wi-Fi CERTIFIED™ Certificate

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Role: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

Android, version:7.1

### Wi-Fi Component Firmware

OpenQ835

### 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

### WMM®

### WPA2™-Enterprise 2018-04

EAP methods  
EAP TLS

### WPA2™-Personal 2018-04

### WPA3™-Enterprise 2018-04

### WPA3™-Enterprise 2018-04 (continued)

EAP TLS  
192-bit security  
192-bit security RSA 3K with the  
TLS\_DHE\_RSA\_WITH\_AES\_256\_GCM\_SHA384 cipher  
suite  
192-bit security RSA 3K with the  
TLS\_ECDHE\_RSA\_WITH\_AES\_256\_GCM\_SHA384  
cipher suite

### WPA3™-Personal 2018-04

### WPA™-Enterprise

### WPA™-Personal

### 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  
LDPC Tx  
SU beamformee



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Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

A-MPDU Tx  
OBSS on Extension Channel  
RIFS  
Short Guard Interval

Wi-Fi Easy Connect™

Bootstrapping methods  
QR code responder  
Public Key Exchange (PKEX)

Wi-Fi Enhanced Open™ 2018-04



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Role: Configurator

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### Wi-Fi Easy Connect™

Provisioning Configurator