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: WFA80020

Product Info

Date of Certification	December 10, 2019
Company	HAN Networks Co., Ltd.
Product Name	HAN Access Point
Product Model Variant	2019-12-10 (WFA80020 - 10151838)
Model Number	AP211
Category	Routers
Sub-category	Access Point for Home or Small Office (Wireless Router)

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Passpoint® Release 2
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®
	Wi-Fi Vantage™ Release 1
Security	Protected Management Frames
	WPA2™-Enterprise 2018-04
	WPA2™-Personal 2018-04
	WPA3™-Enterprise 2018-04
	WPA3™-Personal 2019-08
	WPA™-Enterprise
	WPA™-Personal

CLASSIFICATION	CERTIFICATION
Spectrum & Regulatory Features	Spectrum & Regulatory

Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA80020

Wi-Fi Components

Wi-Fi Component Operating System
Linux, version:3.14.77

Wi-Fi Component Firmware
10.4

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

Passpoint® Release 2

Online Sign Up and Policy provisioning

Protected Management Frames

Spectrum & Regulatory

802.11d

WMM®

WPA2™-Enterprise 2018-04

WPA2™-Enterprise 2018-04 (continued)

EAP methods

WPA2™-Personal 2018-04

WPA3™-Enterprise 2018-04

EAP methods
192-bit security

WPA3™-Personal 2019-08

WPA™-Enterprise

WPA™-Personal

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU
DL MU-MIMO
LDPC Rx
LDPC Tx

Wi-Fi CERTIFIED™ ac (continued)

MCS 8-9 Rx

Short Guard Interval

STBC

SU beamformer

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

OBSS on Extension Channel

Short Guard Interval

STBC

A-MPDU Tx

Wi-Fi Enhanced Open™ 2018-04

Wi-Fi Vantage™ Release 1