



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: WFA83577

Product Info

Date of Certification	June 21, 2023
Company	Hewlett Packard Enterprise
Product Name	Aruba Multiservice Mobility Controller/AP-535 Access Point
Product Model Variant	AP-535-R8
Model Number	AP-535
Category	Routers
Sub-category	Enterprise/Service Provider Access Point, Switch/Controller or Router

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Passpoint® Release 2
Applications & Services	Wi-Fi Location™
Connectivity	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED 6® 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® WMM®-Power Save Wi-Fi Agile Multiband™
Security	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2018-04 WPA3™-Personal 2020-12

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Summary of Certifications (continued)

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CLASSIFICATION

CERTIFICATION

Spectrum & Regulatory
Features

Spectrum & Regulatory

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Role: Access Point

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Wi-Fi Components

Wi-Fi Component Operating System

Proprietary / Other, description: Aruba OS

Wi-Fi Component Firmware

AOS 8

RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	4	4
5 GHz	4	4

Certifications

2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz
40 MHz Channel Width in 2.4 GHz

WMM®-Power Save

Legacy Power Save
Unschedule auto PS

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

WPA2™-Enterprise 2018-04

EAP methods

Passpoint® Release 2

Online Sign Up and Policy provisioning

WPA2™-Personal 2018-04

WPA3™-Personal 2020-12

Protected Management Frames

Wi-Fi Agile Multiband™

Automatically populate BSS Transition candidate list
Cellular Data aware
Fast Transition OTA on WPA2-Enterprise
Fast Transition OTA on WPA2-Personal

Spectrum & Regulatory

802.11d
802.11h

Wi-Fi CERTIFIED 6®

4 antenna support
A-MPDU with A-MSDU

WMM®

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Wi-Fi CERTIFIED 6® (continued)

Basic Trigger frame in HE MU PPDU
BSRP Trigger frame
Compressed Block Ack Rx (buffer size 256)
Compressed Block Ack Tx (buffer size 256)
DL OFDMA
Individual Target Wake Time
LDPC Rx
LDPC Tx
MCS 8-9 Rx
MCS 8-9 Tx
MCS 10-11 Rx
MCS 10-11 Tx
MU-RTS Trigger frame
Operating mode subfield in A-Control field
Operating mode indication
Operating mode UL MU Rx
SU beamformer
SU-MIMO
TXOP RTS Threshold
UL OFDMA
Wi-Fi 6 Release 2 features
UL MU-MIMO

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

Extended 5 GHz Channel Support
A-MPDU with A-MSDU
LDPC Rx
LDPC Tx
MCS 8-9 Rx
Short Guard Interval
STBC
SU beamformer

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

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

Wi-Fi Enhanced Open™ 2018-04

Wi-Fi Location™

Fine Timing Measurement 2017

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