



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: WFA91193

Product Info

Date of Certification	March 3, 2020
Company	EnGenius Technologies, Inc.
Product Name	AX1800 Ceiling Mount Managed Access Point
Product Model Variant	2020-03-03 (WFA91193 - 10679919)
Model Number	EWS357AP
Category	Routers
Sub-category	Enterprise/Service Provider Access Point, Switch/Controller or Router

Summary of Certifications

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



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Role: Access Point

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Wi-Fi Components

Wi-Fi Component Operating System

Linux

Wi-Fi Component Firmware

V.3

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
40 MHz Channel Width

WPA3™-Enterprise 2018-04

EAP methods
192-bit security

5 GHz Spectrum Capabilities

20 MHz Channel Width
40 MHz Channel Width
80 MHz Channel Width

WPA3™-Personal 2019-08

Wi-Fi Agile Multiband™

Automatically populate BSS Transition candidate list
Cellular Data aware

Passpoint® Release 2

Online Sign Up and Policy provisioning

Wi-Fi CERTIFIED 6™

A-MPDU with A-MSDU
Basic Trigger frame in HE MU PPDU
BSRP Trigger frame
Compressed BlockACK Rx
Compressed BlockACK Tx
DL MU-MIMO
DL OFDMA
iTWT
LDPC Rx
LDPC Tx
MCS 8-9 Rx

Protected Management Frames

WMM®

WPA2™-Enterprise 2018-04

EAP methods

WPA2™-Personal 2018-04



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Wi-Fi CERTIFIED 6™ (continued)

MCS 8-9 Tx
MCS 10-11 Rx
MCS 10-11 Tx
MU EDCA Parameter Set element
MU-BAR Trigger frame
Operating Mode
SU beamformer
TXOP RTS Threshold
UL OFDMA

Wi-Fi Enhanced Open™ 2018-04

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU
DL MU-MIMO
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

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