



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: WFA130865

Product Info

Date of Certification	April 26, 2024
Company	Taixin Semiconductor Co., Ltd.
Product Name	IEEE802.11ah Halow Wireless Module
Product Model Variant	TXW8301
Model Number	TXW8301
Category	Other
Sub-category	Other

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Connectivity	Sub-1 GHz Spectrum Capabilities Wi-Fi CERTIFIED HaLow™ Wi-Fi Enhanced Open™ 2021-01
Security	Protected Management Frames WPA3™-Personal 2020-12



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Role: Station

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Wi-Fi Components

Wi-Fi Component Operating System

Linux

Wi-Fi Component Firmware

v2.4

RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
Sub-1 GHz	1	1

Certifications

Protected Management Frames

Sub-1 GHz Spectrum Capabilities

1 MHz Channel Width in sub-1 GHz
2 MHz Channel Width in sub-1 GHz

WPA3™-Personal 2020-12

Wi-Fi CERTIFIED HaLow™

A-MPDU Tx
A-MPDU Rx
Fragmentation Tx
MCS 3-7 Rx
NDP Probe Request Tx
Unified Scaling Factor

Wi-Fi Enhanced Open™ 2021-01