



# Wi-Fi CERTIFIED® Certificate

This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: [www.wi-fi.org](http://www.wi-fi.org)



**Certification ID: WFA130865**

## Product Info

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

## Summary of Certifications

CLASSIFICATION	CERTIFICATION
<b>Security</b>	Protected Management Frames WPA3™-Personal 2020-12 Wi-Fi Enhanced Open™ 2021-01
<b>Wi-Fi (MAC/PHY)</b>	Sub-1 GHz Spectrum Capabilities Wi-Fi CERTIFIED HaLow™

This certificate was downloaded on **2025-06-01** at **16:12:12** UTC

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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

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