



# 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](http://www.wi-fi.org/certification/programs)

**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

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



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Role: Station

Page 2 of 2

## 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