



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