



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



Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA130865



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