



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: WFA126414

Product Info

Date of Certification	June 2, 2023
Company	AsiaRF Co., Ltd.
Product Name	Wi-Fi HaLow IoT Gateway
Product Model Variant	Wi-Fi HaLow IoT Router
Model Number	AP7688-WHM
Category	Routers
Sub-category	Access Point for Home or Small Office (Wireless Router)

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: Access Point

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Wi-Fi Components

Wi-Fi Component Operating System

OpenWRT

Wi-Fi Component Firmware

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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
- 4 MHz Channel Width in sub-1 GHz
- 8 MHz Channel Width in sub-1 GHz

WPA3™-Personal 2020-12

Wi-Fi CERTIFIED HaLow™

- A-MPDU Rx
- A-MPDU Tx
- Fragmentation Tx
- Target Wake Time
- Unified Scaling Factor

Wi-Fi Enhanced Open™ 2021-01