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

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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**