



# Wi-Fi CERTIFIED® Certificate

This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: [www.wi-fi.org](http://www.wi-fi.org)



**Certification ID: WFA138310**

## Product Info

|                              |                     |
|------------------------------|---------------------|
| <b>Date of Certification</b> | November 24, 2025   |
| <b>Company</b>               | Renesas Electronics |
| <b>Product Name</b>          | RRQ61051-008        |
| <b>Product Model Variant</b> | RRQ61051-008        |
| <b>Model Number</b>          | RRQ61051-008        |
| <b>Category</b>              | Other               |
| <b>Sub-category</b>          | Embedded Module     |

## Summary of Certifications

| CLASSIFICATION            | CERTIFICATION   |
|---------------------------|---|
| <b>Network management</b> | WMM®<br>Wi-Fi Agile Multiband™  |
| <b>Security</b>           | Protected Management Frames<br>WPA2™-Enterprise 2018-04<br>WPA2™-Personal 2021-01<br>WPA3™-Enterprise 2022-12<br>WPA3™-Personal 2024-10   |
| <b>Wi-Fi (MAC/PHY)</b>    | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<br>Wi-Fi CERTIFIED 6®<br>Wi-Fi CERTIFIED™ a<br>Wi-Fi CERTIFIED™ ac<br>Wi-Fi CERTIFIED™ b<br>Wi-Fi CERTIFIED™ g<br>Wi-Fi CERTIFIED™ n |

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Role: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

FREE RTOS

### Wi-Fi Component Firmware

8.0.1.0.0

### RF Architecture

| Bands Supported | Transmit (Tx) | Receive (Rx) |
|-----------------|---------------|--------------|
| 2.4 GHz         | 1             | 1            |
| 5 GHz           | 1             | 1            |

## Certifications

### 2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz

### 5 GHz Spectrum Capabilities

20 MHz Channel Width in 5 GHz

### Protected Management Frames

### WMM®

### WPA2™-Enterprise 2018-04

EAP methods  
EAP TLS  
EAP TTLS  
PEAPv0  
PEAPv1

### WPA2™-Personal 2021-01

### WPA3™-Enterprise 2022-12

### WPA3™-Enterprise 2022-12 (continued)

EAP methods  
EAP TLS  
EAP TTLS  
PEAPv0  
PEAPv1  
Server Certificate Validation

### WPA3™-Personal 2024-10

### Wi-Fi Agile Multiband™

### Wi-Fi CERTIFIED 6®

BSRP Trigger frame  
LDPC Rx  
LDPC Tx  
MU EDCA Parameter Set element  
MU-BAR Trigger frame  
MU-RTS Trigger frame  
M-BSSID  
SU beamformee  
UL OFDMA

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Wi-Fi CERTIFIED™ ac

LDPC Rx

LDPC Tx

SU beamformee

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

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