



# 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](https://www.wi-fi.org/certification/programs)

**Certification ID: WFA131989**

## Product Info

|                       |                                    |
|-----------------------|------------------------------------|
| Date of Certification | July 26, 2024                      |
| Company               | MAXMADE AUTO ELECTRONICS CO., LTD. |
| Product Name          | Car Head Unit                      |
| Product Model Variant | AN-9303WA-52                       |
| Model Number          | AN-9303WA-52                       |
| Category              | Routers                            |
| Sub-category          | Mobile Access Point                |

## Summary of Certifications

| CLASSIFICATION | CERTIFICATION   |
|----------------|---|
| Connectivity   | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<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 |
| Optimization   | WMM®  |
| Security       | Protected Management Frames<br>WPA2™-Personal 2021-01<br>WPA3™-Personal 2023-12   |

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Role: Access Point

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux 5.15

### Wi-Fi Component Firmware

2.0.0

### 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  
40 MHz Channel Width in 2.4 GHz

### Wi-Fi CERTIFIED™ ac (continued)

MCS 8-9 Rx  
Short Guard Interval

### 5 GHz Spectrum Capabilities

20 MHz Channel Width in 5 GHz  
40 MHz Channel Width in 5 GHz  
80 MHz Channel Width in 5 GHz

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

OBSS on Extension Channel  
Short Guard Interval  
A-MPDU Tx

### Protected Management Frames

### WMM®

### WPA2™-Personal 2021-01

### WPA3™-Personal 2023-12

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU  
LDPC Tx

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