

# 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: WFA124883**

## **Product Info**

Date of Certification	February 13, 2023
Company	Panasonic Automotive Systems Co., Ltd.
Product Name	Car Navigation System
Product Model Variant	Car Navigation System
Model Number	CL-MM6DE1JT
Category	Other
Sub-category	In-vehicle Network

### **Summary of Certifications**

CLASSIFICATION	CERTIFICATION
Access	Wi-Fi Protected Setup™
Connectivity	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED <sup>™</sup> a Wi-Fi CERTIFIED <sup>™</sup> b Wi-Fi CERTIFIED <sup>™</sup> b Wi-Fi CERTIFIED <sup>™</sup> g Wi-Fi CERTIFIED <sup>™</sup> n
Optimization	WMM® WMM®-Power Save
Security	Protected Management Frames WPA2™-Personal 2021-01 WPA3™-Personal 2020-12

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## Wi-Fi CERTIFIED™ Certificate

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### **Role: Access Point**

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Wi-Fi Components			
Wi-Fi Component Operating System	RF Architecture		
Linux v3.10	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware	2.4 GHz	1	1
10014	5 GHz	2	2

#### Certifications

2.4 GHz Spectrum Capabilities	Wi-Fi CERTIFIED™ ac
20 MHz Channel Width in 2.4 GHz	Extended 5 GHz Channel Support A-MPDU with A-MSDU
<b>5 GHz Spectrum Capabilities</b> 20 MHz Channel Width in 5 GHz 40 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHz	LDPC Rx LDPC Tx MCS 8-9 Rx Short Guard Interval STBC
Protected Management Frames	Wi-Fi CERTIFIED™ b
WMM®	Wi-Fi CERTIFIED™ g
WMM®-Power Save	Wi-Fi CERTIFIED™ n
Legacy Power Save Unschedule auto PS	A-MPDU Tx OBSS on Extension Channel Short Guard Interval STBC
WPA2™-Personal 2021-01	
WPA3™-Personal 2020-12	
Wi-Fi CERTIFIED™ a	

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## Wi-Fi CERTIFIED<sup>™</sup> Certificate

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### **Role: Station**

Role: Station		Pa	age 3 of 4
Wi-Fi Components			
Wi-Fi Component Operating System	<b>RF Architecture</b>		
Linux v3.10	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware	2.4 GHz	1	1

5 GHz

2

2

#### 10014

### Certifications

2.4 GHz Spectrum Capabilities	Wi-Fi CERTIFIED™ ac
20 MHz Channel Width in 2.4 GHz	Extended 5 GHz Channel Support A-MPDU with A-MSDU LDPC Rx
5 GHz Spectrum Capabilities	MCS 8-9 Rx
20 MHz Channel Width in 5 GHz 40 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHz	Short Guard Interval STBC LDPC Tx
Protected Management Frames	Wi-Fi CERTIFIED™ b
	Wi-Fi CERTIFIED™ g
WMM®	
WMM® WMM®-Power Save	Wi-Fi CERTIFIED™ n
WMM®-Power Save	Wi-Fi CERTIFIED™ n A-MPDU Tx OBSS on Extension Channel Power Management
WMM®-Power Save Legacy Power Save Unschedule auto PS	Wi-Fi CERTIFIED™ n A-MPDU Tx OBSS on Extension Channel Power Management Short Guard Interval
WMM®-Power Save Legacy Power Save Unschedule auto PS WPA2™-Personal 2021-01	Wi-Fi CERTIFIED™ n A-MPDU Tx OBSS on Extension Channel Power Management Short Guard Interval STBC

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## **Role: Station**

### Wi-Fi Protected Setup™ (continued)

Pushbutton

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