



This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: www.wi-fi.org/certification/programs

## Certification ID: WFA130727

### **Product Info**

Date of Certification	April 5, 2024
Company	Panasonic Automotive Systems Co., Ltd.
Product Name	Car Audio System
Product Model Variant	Source (Updated WPA3R3+WPA2)
Model Number	CN-ST8DE6AJ
Category	Other
Sub-category	In-vehicle Network

### **Summary of Certifications**

CLASSIFICATION	CERTIFICATION
Access	Wi-Fi Protected Setup™
Applications & Services	Miracast®
Connectivity	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n Wi-Fi Direct®
Optimization	WMM® WMM®-Power Save
Security	Protected Management Frames WPA2™-Personal 2021-01 WPA3™-Personal 2022-06 WPA™-Personal
Spectrum & Regulatory Features	Spectrum & Regulatory



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





Role: Access Point		Pa	age 2 of 6
Wi-Fi Components			
Wi-Fi Component Operating System	<b>RF Architecture</b>		
Linux 4.14.75	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware	2.4 GHz	1	1
17.68.1.p136	5 GHz	2	2
Certifications			
2.4 GHz Spectrum Capabilities	WPA3™-Personal	2022-06	
20 MHz Channel Width in 2.4 GHz	Wi-Fi CERTIFIED <sup>™</sup>	<sup>м</sup> a	
5 GHz Spectrum Capabilities	Wi-Fi CERTIFIED™	мас	
20 MHz Channel Width in 5 GHz	A-MPDU with A-MSDU		
40 MHz Channel Width in 5 GHz	LDPC Rx LDPC Tx		
80 MHz Channel Width in 5 GHz	MCS 8-9 Rx		
Protected Management Frames	Short Guard Interval STBC		
	SU beamformer		
Spectrum & Regulatory			
802.11d	Wi-Fi CERTIFIED <sup>®</sup>	<sup>™</sup> b	
	Wi-Fi CERTIFIED™	<sup>м</sup> g	
WMM®	Wi-Fi CERTIFIED™	<sup>м</sup> n	
WMM®-Power Save	A-MPDU Tx		_
Legacy Power Save	HT Duplicate Mode		
Unschedule auto PS	OBSS on Extension Cha	annel	
	Short Guard Interval STBC		
WPA2™-Personal 2021-01			



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### **Role: Access Point**

#### Wi-Fi Protected Setup™

PIN

Pushbutton

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# Role: Station Wi-Fi Components

Wi-Fi Component Operating System Linux 4.14.75

### Wi-Fi Component Firmware

17.68.1.p136

#### **RF Architecture**

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	1	1
5 GHz	2	2

### Certifications

2.4 GHz Spectrum Capabilities	Wi-Fi CERTIFIED™ a
20 MHz Channel Width in 2.4 GHz	Wi-Fi CERTIFIED™ ac
<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	A-MPDU with A-MSDU LDPC Rx MCS 8-9 Rx Short Guard Interval STBC LDPC Tx SU beamformee
Protected Management Frames	
WMM®	Wi-Fi CERTIFIED™ b
	Wi-Fi CERTIFIED™ g
WMM®-Power Save	WHIT SERTIFIED g
WMM®-Power Save Legacy Power Save Unschedule auto PS	Wi-Fi CERTIFIED™ n A-MPDU Tx
Legacy Power Save	Wi-Fi CERTIFIED™ n
Legacy Power Save Unschedule auto PS	Wi-Fi CERTIFIED™ n A-MPDU Tx HT Duplicate Mode OBSS on Extension Channel
Legacy Power Save Unschedule auto PS WPA2™-Personal 2021-01	Wi-Fi CERTIFIED™ n A-MPDU Tx HT Duplicate Mode OBSS on Extension Channel Power Management Short Guard Interval



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## **Role: Station**

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Wi-Fi Protected Setup™

PIN

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#### **Role: Display** Page 6 of 6 **Wi-Fi Components** Wi-Fi Component Operating System **RF** Architecture Linux 4.14.75 Bands Supported Transmit (Tx) Receive (Rx) Wi-Fi Component Firmware 2.4 GHz 1 1 17.68.1.p136 5 GHz 2 2 Certifications Miracast®

HDCP Encryption