



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: WFA113686

Product Info

Date of Certification	July 29, 2021
Company	Jiangsu Toppower Automotive Electronics Co., Ltd.
Product Name	ZS11E MCE EU/UK
Product Model Variant	Software changes to add screen adapters
Model Number	EP21MCE EU
Category	Other
Sub-category	In-vehicle Network

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Network management	WMM®
Security	Protected Management Frames WPA2™-Personal 2018-04
Wi-Fi (MAC/PHY)	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

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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

Android, version:9.0

Wi-Fi Component Firmware

0x8a11

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

5 GHz Spectrum Capabilities

20 MHz Channel Width in 5 GHz

40 MHz Channel Width in 5 GHz

WMM®

WPA2™-Personal 2018-04

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

OBSS on Extension Channel

Short Guard Interval

A-MPDU Tx

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Role: Station

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Wi-Fi Component Operating System

Android, version:9.0

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0x8a11

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)

LDPC Tx
SU beamformee

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

STBC
A-MPDU Tx
HT Duplicate Mode
OBSS on Extension Channel
Short Guard Interval

Protected Management Frames

WMM®

WPA2™-Personal 2018-04

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

LDPC Rx
MCS 8-9 Rx
Short Guard Interval
STBC

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