



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

## Certification ID: WFA133519

### Product Info

Date of Certification	November 14, 2024
Company	Zebra Technologies
Product Name	EM45
Product Model Variant	2024-11-13
Model Number	EM45
Category	Phones
Sub-category	Smartphone

### Summary of Certifications

CLASSIFICATION	CERTIFICATION
Connectivity	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED 6® Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n
Optimization	WMM®
Security	Protected Management Frames WPA2™-Personal 2021-01 WPA3™-Personal 2023-12



# Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA133519



Role: Access Point

Page 2 of 3

## Wi-Fi Components

### Wi-Fi Component Operating System

Android, version:13

### Wi-Fi Component Firmware

1.1.2.0.1230.1

### RF Architecture

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

## 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

40 MHz Channel Width in 5 GHz

80 MHz Channel Width in 5 GHz

160 MHz Channel Width in 5 GHz

### Protected Management Frames

### WMM®

### WPA2™-Personal 2021-01

### WPA3™-Personal 2023-12

### Wi-Fi CERTIFIED 6®

A-MPDU with A-MSDU

Beamforming sounding

Compressed Block Ack Rx (buffer size 256)

LDPC Rx

### Wi-Fi CERTIFIED 6® (continued)

LDPC Tx

MCS 8-9 Rx

MCS 8-9 Tx

MCS 10-11 Rx

MCS 10-11 Tx

SU beamformer

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU

Extended 5 GHz Channel Support

LDPC Rx

LDPC Tx

MCS 8-9 Rx

Short Guard Interval

STBC

SU beamformer

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g



# Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA133519



Role: Access Point

Page 3 of 3

## Wi-Fi CERTIFIED™ n

OBSS on Extension Channel

Short Guard Interval

STBC

A-MPDU Tx