



# 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: WFA114900**

## Product Info

|                              |                                     |
|------------------------------|-------------------------------------|
| <b>Date of Certification</b> | November 4, 2024                    |
| <b>Company</b>               | Zebra Technologies                  |
| <b>Product Name</b>          | TC8300                              |
| <b>Product Model Variant</b> | 2024-11-04                          |
| <b>Model Number</b>          | TC8300                              |
| <b>Category</b>              | Phones                              |
| <b>Sub-category</b>          | Phone, multi-mode (Wi-Fi and other) |

## Summary of Certifications

| <b>CLASSIFICATION</b>              | <b>CERTIFICATION</b>   |
|------------------------------------|--|
| <b>Applications &amp; Services</b> | Voice-Enterprise   |
| <b>Connectivity</b>                | 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<br>Wi-Fi Direct®<br>Wi-Fi Enhanced Open™ 2023-12 |
| <b>Optimization</b>                | WMM®<br>WMM®-Admission Control<br>WMM®-Power Save  |
| <b>Security</b>                    | Protected Management Frames<br>WPA2™-Enterprise 2018-04<br>WPA2™-Personal 2021-01<br>WPA3™-Enterprise 2022-12<br>WPA3™-Personal 2023-12  |



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## Summary of Certifications (continued)

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### CLASSIFICATION

### CERTIFICATION

Spectrum & Regulatory  
Features

Spectrum & Regulatory



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Role: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

Android, version:14

### Wi-Fi Component Firmware

3.3.5.1.1536.2

### 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

### Protected Management Frames

### Spectrum & Regulatory

802.11d  
802.11h

### Voice-Enterprise

### WMM®

### WMM®-Admission Control

### WMM®-Power Save

### WMM®-Power Save (continued)

Legacy Power Save  
Unschedule auto PS

### WPA2™-Enterprise 2018-04

EAP methods  
EAP TLS  
EAP TTLS  
PEAPv0  
PEAPv1

### WPA2™-Personal 2021-01

### WPA3™-Enterprise 2022-12

EAP methods  
EAP TLS  
EAP TTLS  
PEAPv0  
PEAPv1  
192-bit security  
192-bit security RSA 3K with the  
TLS\_ECDHE\_RSA\_WITH\_AES\_256\_GCM\_SHA384  
cipher suite



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## WPA3™-Enterprise 2022-12 (continued)

Fast Transition OTA on WPA3-Enterprise  
Fast Transition OTA on WPA3-Enterprise transition mode  
Server Certificate Validation

## Wi-Fi Direct®

## Wi-Fi Enhanced Open™ 2023-12

## WPA3™-Personal 2023-12

Fast Transition OTA on WPA3-Personal  
Fast Transition OTA on WPA3-Personal transition mode

## Wi-Fi CERTIFIED™ a

## Wi-Fi CERTIFIED™ ac

RTS with BW Signaling  
A-MPDU with A-MSDU  
DL MU-MIMO  
LDPC Rx  
MCS 8-9 Rx  
Short Guard Interval  
STBC  
LDPC Tx  
SU beamformee

## Wi-Fi CERTIFIED™ b

## Wi-Fi CERTIFIED™ g

## Wi-Fi CERTIFIED™ n

A-MPDU Tx  
OBSS on Extension Channel  
Power Management  
Short Guard Interval  
STBC