

## 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: WFA114900

#### **Product Info**

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

#### **Summary of Certifications**

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



## Wi-Fi CERTIFIED™ Certificate

**Certification ID: WFA114900** 



# Summary of Certifications (continued)Page 2 of 4CLASSIFICATIONCERTIFICATIONSpectrum & Regulatory<br/>FeaturesSpectrum & Regulatory

This certificate was downloaded on 2025-01-02 at 19:58:55 UTC



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

**Certification ID: WFA114900** 



Wi-Fi Components RF Architecture   Android, version:14 Bands Supported Transmit (Tx) Receive (Rx)   2.4 GHz 2 2 2   3.3.5.1.1536.2 2 GHz 2 2   5 GHz 2 GHz 2 2   Certifications   VMM®-Power Save (continued)   20 MHz Channel Width in 2.4 GHz Legacy Power Save Unschedule auto PS Image: Sectrum Capabilities   VPA2 <sup>TM</sup> -Enterprise 2018-04   20 MHz Channel Width in 5 GHz EAP methods EAP TLS   90 MHz Channel Width in 5 GHz EAP TLS EAP TLS   90 MHz Channel Width in 5 GHz Protected Management Frames EAP TLS   90 MHz Channel Width in 5 GHz PEAPv0 PEAPv1   91 Miz Channel Width in 5 GHz PAPTLS EAP TLS   92 APV0 PEAPv1 EAP TLS PEAPv1   92 APV1 WPA3 <sup>TM</sup> -Enterprise 2022-12 EAP   802.11d 802.11d WPA3 <sup>TM</sup> -Enterprise 2022-12   802.11d EAP methods EAP TLS   92.11d EAP methods EAP						
Wi-Fi Component Operating System RF Architecture   Android, version:14 Bands Supported Transmit (Tx) Receive (Rx)   2.4 GHz 2 2   3.3.5.1.1536.2 2 2   Certifications   2.4 GHz Spectrum Capabilities VMM®-Power Save (continued)   20 MHz Channel Width in 2.4 GHz Legacy Power Save (unschedule auto PS) Image: Spectrum Capabilities   20 MHz Channel Width in 5 GHz VMPA2 <sup>TM</sup> -Enterprise 2018-04 Image: Spectrum Capabilities   20 MHz Channel Width in 5 GHz VMPA2 <sup>TM</sup> -Enterprise 2018-04 Image: Spectrum Capabilities   20 MHz Channel Width in 5 GHz EAP methods Image: Spectrum Capabilities   9 MHz Channel Width in 5 GHz WPA2 <sup>TM</sup> -Enterprise 2018-04 Image: Spectrum Capabilities   9 MHz Channel Width in 5 GHz PEAPv0 PEAPv0   9 PEAPv1 PEAPv0 PEAPv1   802.11d S02.11d WPA3 <sup>TM</sup> -Enterprise 2022-12   802.11d EAP methods Image: Spectrum Spectru Sp	Role: Station		Page 3 of 4			
Android, version:14 Wi-Fi Component Firmware 3.3.5.1.1536.2 2.4 GHz 2 2 2 5 GHz 2 2 2 Certifications 2.4 GHz 2 2 2 5 GHz 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Wi-Fi Components					
Wi-Fi Component Firmware 3.3.5.1.1536.2Bands SupportedTransmit (Tx)Receive (Rx)2.4 GHz225 GHz22Certifications2.4 GHz Spectrum Capabilities20 MHz Channel Width in 2.4 GHzLegacy Power Save Unschedule auto PSS GHz Spectrum Capabilities20 MHz Channel Width in 5 GHz 40 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHzWPA2 <sup>TM</sup> -Enterprise 2018-0420 Frotected Management FramesEAP methods EAP v0 PEAPv1Spectrum & RegulatoryWPA3 <sup>TM</sup> -Enterprise 2022-12802.11d 802.11hWPA3 <sup>TM</sup> -Enterprise 2022-12802.11d 802.11hEAP methods	Wi-Fi Component Operating System	Operating System RF Architecture				
3.3.5.1.1536.22.4 GHz223.3.5.1.1536.25 GHz22Certifications2.4 GHz Spectrum Capabilities2.4 GHz Spectrum CapabilitiesWMM®-Power Save (continued)20 MHz Channel Width in 2.4 GHzLegacy Power Save Unschedule auto PSImage: Sectrum Capabilities5 GHz Spectrum CapabilitiesWPA2™-Enterprise 2018-0420 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHzEAP methods EAP TLS EAP TLS 		Bands Supported	Transmit (Tx)	Receive (Rx)		
5 GHz 2 2   Certifications   VMM®-Power Save (continued)   20 MHz Channel Width in 2.4 GHz Legacy Power Save Unschedule auto PS Image: Continued   5 GHz Spectrum Capabilities VPA2™-Enterprise 2018-04 Image: Continued   20 MHz Channel Width in 5 GHz VPA2™-Enterprise 2018-04 Image: Continued   20 MHz Channel Width in 5 GHz EAP methods Image: Continued   20 MHz Channel Width in 5 GHz EAP methods Image: Continued   80 MHz Channel Width in 5 GHz EAP methods Image: Continued   90 MHz Channel Width in 5 GHz EAP methods Image: Continued   80 MHz Channel Width in 5 GHz EAP methods Image: Continued   80 MHz Channel Width in 5 GHz EAP methods Image: Continued   80 MHz Channel Width in 5 GHz Image: Continued Image: Continued   80 MHz Channel Width in 5 GHz Image: Continued Image: Continued   80 MHz Channel Width in 5 GHz Image: Continued Image: Continued   80 MHz Channel Width in 5 GHz Image: Continued Image: Continued   80 MHz Channel Width in 5 GHz Image: Continued Image: Continued   802.111	•	2.4 GHz	2	2		
2.4 GHz Spectrum Capabilities WMM®-Power Save (continued)   20 MHz Channel Width in 2.4 GHz Legacy Power Save Unschedule auto PS   5 GHz Spectrum Capabilities WPA2™-Enterprise 2018-04   20 MHz Channel Width in 5 GHz EAP methods   80 MHz Channel Width in 5 GHz EAP TLS   80 MHz Channel Width in 5 GHz EAP TLS   80 MHz Channel Width in 5 GHz EAP TLS   80 EAP TLS EAP TLS   80 Zhtte Protected Management Frames   9 EAPv0 PEAPv1   802.11d WPA2™-Personal 2021-01   802.11h WPA3™-Enterprise 2022-12   EAP methods EAP methods	5.5.5.1.1550.2	5 GHz	2	2		
2.4 GHz Spectrum Capabilities WMM®-Power Save (continued)   20 MHz Channel Width in 2.4 GHz Legacy Power Save Unschedule auto PS   5 GHz Spectrum Capabilities WPA2™-Enterprise 2018-04   20 MHz Channel Width in 5 GHz EAP methods   80 MHz Channel Width in 5 GHz EAP methods   80 MHz Channel Width in 5 GHz EAP TLS   90 MHz Channel Width in 5 GHz EAP TLS   80 MHz Channel Width in 5 GHz EAP TLS   80 MHz Channel Width in 5 GHz EAP TLS   80 MHz Channel Width in 5 GHz EAP TLS   80 MHz Channel Width in 5 GHz EAP TLS   80 MHz Channel Width in 5 GHz EAP TLS   80 MHz Channel Width in 5 GHz EAP TLS   80 MHz Channel Width in 5 GHz WPA2™-Enterprise 2022-101   80 MHz Channel Width in 5 GHz WPA2™-Personal 2021-01   802.11d WPA3™-Enterprise 2022-12   802.11h EAP methods						
20 MHz Channel Width in 2.4 GHz Legacy Power Save Unschedule auto PS   5 GHz Spectrum Capabilities WPA2™-Enterprise 2018-04   20 MHz Channel Width in 5 GHz EAP methods   40 MHz Channel Width in 5 GHz EAP methods   80 MHz Channel Width in 5 GHz EAP methods   80 MHz Channel Width in 5 GHz EAP methods   80 MHz Channel Width in 5 GHz EAP TLS   B02 MHz Channel Width in 5 GHz EAP TLS   802 MHz Channel Width in 5 GHz PEAPv0   Petersonal 2021-01 WPA2™-Personal 2021-01   802.11d WPA3™-Enterprise 2022-12   802.11h EAP methods	Certifications					
SGHz Spectrum Capabilities Unschedule auto PS   20 MHz Channel Width in 5 GHz WPA2™-Enterprise 2018-04   40 MHz Channel Width in 5 GHz EAP methods   80 MHz Channel Width in 5 GHz EAP TLS   Protected Management Frames PEAPv0   Spectrum & Regulatory WPA2™-Personal 2021-01   802.11d WPA3™-Enterprise 2022-12   802.11h EAP methods	2.4 GHz Spectrum Capabilities	WMM®-Power Save (continued)				
5 GHz Spectrum Capabilities WPA2™-Enterprise 2018-04   20 MHz Channel Width in 5 GHz EAP methods   40 MHz Channel Width in 5 GHz EAP methods   80 MHz Channel Width in 5 GHz EAP TLS   B0 MHz Channel Width in 5 GHz EAP TLS   B0 MHz Channel Width in 5 GHz EAP TLS   B0 MHz Channel Width in 5 GHz EAP TLS   B0 MHz Channel Width in 5 GHz EAP TLS   B0 MHz Channel Width in 5 GHz EAP TLS   B0 MHz Channel Width in 5 GHz EAP TLS   B0 MHz Channel Width in 5 GHz EAP TLS   B0 MHz Channel Width in 5 GHz EAP TLS   B0 MHz Channel Width in 5 GHz PEAPv0   PEAPv1 PEAPv1   802.11d WPA2™-Personal 2021-01   802.11h WPA3™-Enterprise 2022-12   EAP methods EAP methods	20 MHz Channel Width in 2.4 GHz	0,				
20 MHz Channel Width in 5 GHz WPA2™-Enterprise 2018-04   40 MHz Channel Width in 5 GHz EAP methods   80 MHz Channel Width in 5 GHz EAP TLS   Box EAP TLS   Frotected Management Frames PEAPv0   PEAPv1 PEAPv1   802.11d WPA3™-Enterprise 2021-01   802.11h WPA3™-Enterprise 2022-12   EAP methods EAP TLS   EAP TLS EAP TLS   Box PEAPv0   PEAPv1 PEAPv1		Unschedule auto PS				
40 MHz Channel Width in 5 GHz EAP methods   80 MHz Channel Width in 5 GHz EAP TLS   Protected Management Frames PEAPv0   PEAPv1 PEAPv1   Spectrum & Regulatory WPA2™-Personal 2021-01   802.11d WPA3™-Enterprise 2022-12   EAP methods EAP methods	5 GHz Spectrum Capabilities	WPA2™-Enterpris	e 2018-04			
Protected Management Frames EAP TTLS   Spectrum & Regulatory PEAPv0   802.11d WPA2™-Personal 2021-01   802.11h WPA3™-Enterprise 2022-12   EAP methods EAP methods		EAP methods				
Protected Management Frames PEAPv0   Spectrum & Regulatory PEAPv1   802.11d WPA2™-Personal 2021-01   802.11h WPA3™-Enterprise 2022-12   EAP methods EAP methods	80 MHz Channel Width in 5 GHz					
Spectrum & Regulatory   802.11d   802.11h   WPA3™-Enterprise 2022-12   EAP methods						
802.11d   WPA2™-Personal 2021-01     802.11h   WPA3™-Enterprise 2022-12     EAP methods   EAP methods	Protected Management Frames	PEAPv1				
802.11d   WPA3™-Enterprise 2022-12     EAP methods   EAP methods	Spectrum & Regulatory	W/PA2™_Personal	2021-01			
EAP methods						
	802.11h	WPA3™-Enterpris	e 2022-12			
Voice-Enterprise EAP TLS	Voice-Enterprise					

WMM®

**WMM®-Admission Control** 

WMM®-Power Save

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



# Wi-Fi CERTIFIED™ Certificate

**Certification ID: WFA114900** 



Page 4 of 4

#### **Role: Station**

#### WPA3<sup>™</sup>-Enterprise 2022-12 (continued)

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

#### WPA3<sup>™</sup>-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

#### Wi-Fi Direct®

#### Wi-Fi Enhanced Open<sup>™</sup> 2023-12