

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: WFA132258

Product Info

Date of Certification	September 26, 2024
Company	Sonim Technologies, Inc.
Product Name	5G Feature Phone
Product Model Variant	X320(1403)
Model Number	X320
Category	Phones
Sub-category	Smartphone

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Passpoint® Release 3 Wi-Fi Protected Setup™
Applications & Services	Voice-Enterprise Wi-Fi Location™
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®-Admission Control WMM®-Power Save
Security	Protected Management Frames WPA2 [™] -Enterprise 2018-04 WPA2 [™] -Personal 2021-01 WPA3 [™] -Enterprise 2022-12

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Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA132258



Summary of Certifications (continued)		Page 2 of 5
CLASSIFICATION	CERTIFICATION	
Security	WPA3™-Personal 2023-12	

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Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA132258



Role: Access Point

Page 3 of 5

Wi-Fi Components			
Wi-Fi Component Operating System	RF Architecture		
Android	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware	2.4 GHz	1	1
3.4.3.0.488.0	5 GHz	1	1

Certifications

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 GH	2.4 GHz Spectrum Capabilities	Wi-Fi CERTIFIED™ ac (continued)
20 MHz Channel Width in 5 GHz Wi-Fi CERTIFIED™ b 40 MHz Channel Width in 5 GHz Wi-Fi CERTIFIED™ g 80 MHz Channel Width in 5 GHz Wi-Fi CERTIFIED™ g Protected Management Frames A-MPDU Tx WMM® HT Duplicate Mode WPA2™-Personal 2021-01 OBSS on Extension Channel Wi-Fi CERTIFIED™ a Short Guard Interval Wi-Fi CERTIFIED™ a Ki-Fi CERTIFIED™ a		MCS 8-9 Rx
Protected Management Frames A-MPDU Tx WMM HT Duplicate Mode OBSS on Extension Channel Short Guard Interval WPA3™-Personal 2023-12 Short Guard Interval Wi-Fi CERTIFIED™ a HT Duplicate Mode	20 MHz Channel Width in 5 GHz 40 MHz Channel Width in 5 GHz	Wi-Fi CERTIFIED™ g
WPA2 [™] -Personal 2021-01 WPA3 [™] -Personal 2023-12 Wi-Fi CERTIFIED [™] a Wi-Fi CERTIFIED [™] ac		A-MPDU Tx HT Duplicate Mode OBSS on Extension Channel
Wi-Fi CERTIFIED™ ac	WPA3™-Personal 2023-12	
	Wi-Fi CERTIFIED™ ac	

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Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA132258



Role: Station

Page 4 of 5

WI-FI Components			
Wi-Fi Component Operating System	RF Architecture		
Android	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware 3.4.3.0.488.0	2.4 GHz	1	1
	5 GHz	1	1

Certifications

2.4 GHz Spectrum Capabilities	WMM®-Admission Control
20 MHz Channel Width in 2.4 GHz 40 MHz Channel Width in 2.4 GHz	WMM®-Power Save
	Legacy Power Save Unschedule auto PS
5 GHz Spectrum Capabilities	
20 MHz Channel Width in 5 GHz	WPA2™-Enterprise 2018-04
40 MHz Channel Width in 5 GHz	
80 MHz Channel Width in 5 GHz	EAP methods EAP AKA
	EAP AKA EAP AKA Prime
Passpoint® Release 3	EAP SIM
	EAP TLS
ANQP-element for OSU provider selection	EAP TTLS
Roaming Consortium Selection Terms and Conditions	PEAPv0
Private and secure terms and conditions	PEAPv1
Venue Information	
	WPA2™-Personal 2021-01
Protected Management Frames	WPA3™-Enterprise 2022-12
Voice-Enterprise	EAP methods
	EAP AKA
WMM®	EAP AKA Prime

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Wi-Fi CERTIFIED[™] Certificate

Certification ID: WFA132258



Role: Station	Page 5 of 5
WPA3™-Enterprise 2022-12 (continued)	Wi-Fi Direct® (continued)
EAP SIM EAP TLS	Wi-Fi Direct with WPA2
EAP TTLS PEAPv0	Wi-Fi Location™
PEAPv1 Server Certificate Validation	Fine Timing Measurement 2017
WPA3™-Personal 2023-12	Wi-Fi Protected Setup™
Wi-Fi CERTIFIED™ a	PIN
Wi-Fi CERTIFIED™ ac	
A-MPDU with A-MSDU 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 HT Duplicate Mode OBSS on Extension Channel Short Guard Interval STBC	
Wi-Fi Direct®	

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