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: WFA114684

Product Info

Date of Certification	October 12, 2021
Company	FCNT LLC
Product Name	F-52B
Product Model Variant	F-52B
Model Number	F-52B
Category	Phones
Sub-category	Smartphone

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Passpoint® Release 3 Wi-Fi Protected Setup™
Applications & Services	Miracast®
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™ 2021-01
Optimization	TDLS WMM® WMM®-Power Save
Security	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2021-01 WPA3™-Enterprise 2020-02

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CLASSIFICATION	CERTIFICATION
Security	WPA3™-Personal 2020-02 WPA™-Enterprise WPA™-Personal

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Wi-Fi Components

Wi-Fi Component Operating System
Android Version 11

Wi-Fi Component Firmware
VXXR0XX

RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	1	1

Certifications

2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz

Protected Management Frames

WMM®

WPA2™-Personal 2021-01

WPA3™-Personal 2020-02

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

Short Guard Interval
A-MPDU Tx

Wi-Fi Enhanced Open™ 2021-01

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Wi-Fi Components

Wi-Fi Component Operating System
Android Version 11

Wi-Fi Component Firmware
VXXR0XX

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

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

Passpoint® Release 3

Display and input method
Display of HS2.0 indication
Operating Class Indication
SIM credentials
USIM Credentials
Network Icon support
Network Information in network selection
Online Sign Up and Policy provisioning
Online Sign Up using single SSID
Venue Information
Terms and Conditions
Roaming Consortium Selection

Protected Management Frames

TDLS

WMM®

WMM®-Power Save

Unschedule auto PS

WPA2™-Enterprise 2018-04

EAP methods
　　EAP AKA
　　EAP AKA Prime
　　EAP SIM
　　EAP TLS
　　EAP TTLS
　　PEAPv0
　　PEAPv1

WPA2™-Personal 2021-01

WPA3™-Enterprise 2020-02

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WPA3™-Enterprise 2020-02 (continued)

EAP methods

　　EAP AKA

　　EAP AKA Prime

　　EAP SIM

　　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

Server Certificate Validation

WPA3™-Personal 2020-02

WPA™-Enterprise

WPA™-Personal

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU

DL MU-MIMO

MCS 8-9 Rx

Short Guard Interval

STBC

LDPC Tx

SU beamformee

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

STBC

A-MPDU Tx

OBSS on Extension Channel

Short Guard Interval

Wi-Fi Direct®

Wi-Fi Enhanced Open™ 2021-01

Wi-Fi Protected Setup™

Pushbutton

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Wi-Fi Components

Wi-Fi Component Operating System

Android Version 11

Wi-Fi Component Firmware

VXXR0XX

RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	1	1
5 GHz	1	1

Certifications

Miracast®
HDCP Encryption