



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: WFA109659

Product Info

Date of Certification	March 12, 2021
Company	FCNT LLC
Product Name	F-41B
Product Model Variant	New Product
Model Number	F-41B
Category	Phones
Sub-category	Smartphone

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Passpoint® Release 2 Wi-Fi Easy Connect™ Wi-Fi Protected Setup™
Alternative topologies	TDLS Wi-Fi Direct®
Applications	Miracast®
Network management	WMM® WMM®-Power Save
Security	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2021-01 WPA3™-Enterprise 2020-02 WPA3™-Personal 2020-02 Wi-Fi Enhanced Open™ 2021-01
Wi-Fi (MAC/PHY)	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac

This certificate was downloaded on **2025-05-09** at **16:04:15** UTC

Wi-Fi®, Wi-Fi CERTIFIED®, Wi-Fi Alliance®, the Wi-Fi logo, the Wi-Fi CERTIFIED logo, and other marks are trademarks of Wi-Fi Alliance. Matter™ is a trademark of the Connectivity Standards Alliance.



Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA109659



Summary of Certifications (continued)

Page 2 of 7

CLASSIFICATION

Wi-Fi (MAC/PHY)

CERTIFICATION

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

This certificate was downloaded on **2025-05-09** at **16:04:15** UTC

Wi-Fi®, Wi-Fi CERTIFIED®, Wi-Fi Alliance®, the Wi-Fi logo, the Wi-Fi CERTIFIED logo, and other marks are trademarks of Wi-Fi Alliance. Matter™ is a trademark of the Connectivity Standards Alliance.



Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA109659



Role: Access Point

Page 3 of 7

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

This certificate was downloaded on **2025-05-09** at **16:04:15** UTC

Wi-Fi®, Wi-Fi CERTIFIED®, Wi-Fi Alliance®, the Wi-Fi logo, the Wi-Fi CERTIFIED logo, and other marks are trademarks of Wi-Fi Alliance. Matter™ is a trademark of the Connectivity Standards Alliance.



Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA109659



Role: Station

Page 4 of 7

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 2

Display of HS2.0 indication

Network Icon support

Network Information in network selection

Operating Class Indication

Online Sign Up and Policy provisioning

Protected Management Frames

TDLS

WMM®

WMM®-Power Save

WMM®-Power Save (continued)

Legacy 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

EAP methods

EAP AKA

EAP AKA Prime

EAP SIM

EAP TLS

This certificate was downloaded on **2025-05-09** at **16:04:15 UTC**

Wi-Fi®, Wi-Fi CERTIFIED®, Wi-Fi Alliance®, the Wi-Fi logo, the Wi-Fi CERTIFIED logo, and other marks are trademarks of Wi-Fi Alliance. Matter™ is a trademark of the Connectivity Standards Alliance.



Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA109659



Role: Station

Page 5 of 7

WPA3™-Enterprise 2020-02 (continued)

EAP TTLS
PEAPv0
PEAPv1
Server Certificate Validation

Wi-Fi Easy Connect™

Wi-Fi Easy Connect bootstrapping methods
QR code responder
Public Key Exchange (PKEX)

WPA3™-Personal 2020-02

Wi-Fi Enhanced Open™ 2021-01

Wi-Fi CERTIFIED™ a

Wi-Fi Protected Setup™

Pushbutton

Wi-Fi CERTIFIED™ ac

Extended 5 GHz Channel Support
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

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

Wi-Fi Direct®

This certificate was downloaded on **2025-05-09** at **16:04:15** UTC

Wi-Fi®, Wi-Fi CERTIFIED®, Wi-Fi Alliance®, the Wi-Fi logo, the Wi-Fi CERTIFIED logo, and other marks are trademarks of Wi-Fi Alliance. Matter™ is a trademark of the Connectivity Standards Alliance.



Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA109659



Role: Configurator

Page 6 of 7

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

Wi-Fi Easy Connect™

Provisioning configurator

This certificate was downloaded on **2025-05-09** at **16:04:15** UTC

Wi-Fi®, Wi-Fi CERTIFIED®, Wi-Fi Alliance®, the Wi-Fi logo, the Wi-Fi CERTIFIED logo, and other marks are trademarks of Wi-Fi Alliance. Matter™ is a trademark of the Connectivity Standards Alliance.



Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA109659



Role: Source

Page 7 of 7

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

This certificate was downloaded on **2025-05-09** at **16:04:15** UTC

Wi-Fi®, Wi-Fi CERTIFIED®, Wi-Fi Alliance®, the Wi-Fi logo, the Wi-Fi CERTIFIED logo, and other marks are trademarks of Wi-Fi Alliance. Matter™ is a trademark of the Connectivity Standards Alliance.