



# 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: WFA102235**

## Product Info

<b>Date of Certification</b>	October 9, 2020
<b>Company</b>	FCNT LLC
<b>Product Name</b>	FMP181L
<b>Product Model Variant</b>	2020-10-09 (WFA102235 - merged)
<b>Model Number</b>	FMP181L
<b>Category</b>	Phones
<b>Sub-category</b>	Smartphone

## Summary of Certifications

CLASSIFICATION	CERTIFICATION
<b>Access</b>	Passpoint® Release 2 Wi-Fi Easy Connect™ Wi-Fi Protected Setup™
<b>Applications &amp; Services</b>	Miracast®
<b>Connectivity</b>	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED 6® 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™ 2018-04
<b>Optimization</b>	WMM® WMM®-Power Save Wi-Fi Agile Multiband™
<b>Security</b>	Protected Management Frames WPA2™-Enterprise 2018-04



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## Summary of Certifications (continued)

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### CLASSIFICATION

### CERTIFICATION

Security

WPA2™-Personal 2018-04  
WPA3™-Enterprise 2018-04  
WPA3™-Personal 2019-08



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Role: Access Point

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## Wi-Fi Components

### Wi-Fi Component Operating System

Android, version:10

### Wi-Fi Component Firmware

V01R008A

### RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	2	2

## Certifications

### 2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz

40 MHz Channel Width in 2.4 GHz

### Protected Management Frames

### WMM®

### WPA2™-Personal 2018-04

### WPA3™-Personal 2019-08

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

Short Guard Interval

STBC

A-MPDU Tx

### Wi-Fi Enhanced Open™ 2018-04



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Role: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

Android, version:10

### Wi-Fi Component Firmware

V01R008A

### 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  
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 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  
SIM credentials

### Protected Management Frames

### WMM®

### WMM®-Power Save

### WPA2™-Enterprise 2018-04

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

### WPA2™-Personal 2018-04

### WPA3™-Enterprise 2018-04

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



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Role: Station

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## WPA3™-Personal 2019-08

### Wi-Fi Agile Multiband™

ANQP  
 Beacon Report Measurement Passive Mode  
 BTM Query  
 Cellular Data capable  
 Fast Transition OTA on WPA2-Personal

### Wi-Fi CERTIFIED 6®

A-MPDU with A-MSDU  
 BSRP Trigger frame  
 Compressed Block Ack Rx (buffer size 256)  
 Compressed Block Ack Tx (buffer size 256)  
 DL MU PPDU multi-tone  
 DL MU-MIMO  
 HE NDP  
 Individual Target Wake Time  
 LDPC Rx  
 LDPC Tx  
 MCS 8-9 Rx  
 MCS 8-9 Tx  
 MCS 10-11 Rx  
 MCS 10-11 Tx  
 MU EDCA Parameter Set element  
 MU-BAR Trigger frame  
 MU-RTS Trigger frame  
 Operating mode control field  
 Operating mode subfield in A-Control field  
 Operating mode indication  
 SU beamformee  
 UL OFDMA  
 UL TB PPDU multi-tone

### Wi-Fi CERTIFIED™ a

### 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  
 Short Guard Interval

### Wi-Fi Direct®

### Wi-Fi Easy Connect™

Bootstrapping methods  
 QR code responder  
 Public Key Exchange (PKEX)

### Wi-Fi Enhanced Open™ 2018-04

### Wi-Fi Protected Setup™

Pushbutton



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Role: Configurator

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## Wi-Fi Components

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### Wi-Fi Component Firmware

V01R008A

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Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	2	2
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## Certifications

### Wi-Fi Easy Connect™

Provisioning configurator



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Role: Source

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## Wi-Fi Components

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### Wi-Fi Component Firmware

V01R008A

### RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	2	2
5 GHz	2	2

## Certifications

Miracast®