



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: WFA120654

Product Info

| | |
|------------------------------|------------------------------|
| Date of Certification | October 21, 2022 |
| Company | MediaTek Inc. |
| Product Name | MediaTek MT6639 |
| Product Model Variant | MediaTek Filogic 380 |
| Model Number | MediaTek Dimensity 9200/9300 |
| Category | Phones |
| Sub-category | Smartphone |

Summary of Certifications

| CLASSIFICATION | CERTIFICATION |
|------------------------------------|---|
| Access | Passpoint® Release 3 Wi-Fi Easy Connect™ Wi-Fi Protected Setup™ |
| Applications & Services | Voice-Enterprise Wi-Fi Aware™ |
| Connectivity | 2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities 6 GHz Spectrum Capabilities Wi-Fi CERTIFIED 6® Wi-Fi CERTIFIED 6® Release 2 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®-Admission Control |



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Summary of Certifications (continued)

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| CLASSIFICATION | CERTIFICATION |
|----------------|---|
| Optimization | WMM®-Power Save Wi-Fi Agile Multiband™ |
| Security | Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2021-01 WPA3™-Enterprise 2020-02 WPA3™-Personal 2020-12 WPA™-Enterprise WPA™-Personal |



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Role: Access Point

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Wi-Fi Components

Wi-Fi Component Operating System

Android 13

Wi-Fi Component Firmware

Android T0

RF Architecture

| Bands Supported | Transmit (Tx) | Receive (Rx) |
|-----------------|---------------|--------------|
| 2.4 GHz | 2 | 2 |
| 5 GHz | 2 | 2 |
| 6 GHz | 2 | 2 |

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

160 MHz Channel Width in 5 GHz

6 GHz Spectrum Capabilities

20 MHz Channel Width in 6 GHz

40 MHz Channel Width in 6 GHz

80 MHz Channel Width in 6 GHz

160 MHz Channel Width in 6 GHz

Protected Management Frames

WMM®

WMM®-Power Save

WPA2™-Personal 2021-01

WPA3™-Personal 2020-12

Wi-Fi CERTIFIED 6® Release 2

A-MPDU with A-MSDU

LDPC Rx

LDPC Tx

MCS 8-9 Rx

MCS 8-9 Tx

MCS 10-11 Rx

MCS 10-11 Tx

Wi-Fi 6E

Wi-Fi 6 Release 2 features

UL Extended Range

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU

LDPC Rx

LDPC Tx



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Wi-Fi CERTIFIED™ ac (continued)

MCS 8-9 Rx
Short Guard Interval
STBC

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

HT Duplicate Mode
OBSS on Extension Channel
Short Guard Interval
STBC
A-MPDU Tx

Wi-Fi Enhanced Open™ 2021-01



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Role: Station

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Wi-Fi Components

Wi-Fi Component Operating System

Android 13

Wi-Fi Component Firmware

Android T0

RF Architecture

| Bands Supported | Transmit (Tx) | Receive (Rx) |
|-----------------|---------------|--------------|
| 2.4 GHz | 2 | 2 |
| 5 GHz | 2 | 2 |
| 6 GHz | 2 | 2 |

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

160 MHz Channel Width in 5 GHz

6 GHz Spectrum Capabilities

20 MHz Channel Width in 6 GHz

40 MHz Channel Width in 6 GHz

80 MHz Channel Width in 6 GHz

160 MHz Channel Width in 6 GHz

Passpoint® Release 3

Display and input method

Display of HS2.0 indication

NAI Home Realm Query element

Passpoint® Release 3 (continued)

Operating Class Indication

Network Icon support

Network Information in network selection

Online Sign Up and Policy provisioning

Fast Transition OTA on WPA2-Enterprise

ANQP-element for OSU provider selection

Online Sign Up using single SSID

Venue Information

Terms and Conditions

Roaming Consortium Selection

Protected Management Frames

TDLS

Voice-Enterprise

WMM®

WMM®-Admission Control

WMM®-Power Save



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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
 - EAP TTLS
 - PEAPv0
 - PEAPv1
- Server Certificate Validation

WPA3™-Personal 2020-12

WPA™-Enterprise

WPA™-Personal

Wi-Fi Agile Multiband™

- ANQP
- Beacon Report Measurement Passive Mode
- Cellular Data capable

Wi-Fi Agile Multiband™ (continued)

- Fast Transition OTA on WPA2-Personal
- Fast Transition OTA on WPA2-Enterprise

Wi-Fi Aware™

- Bluetooth® Low Energy - Browser
- Bluetooth® Low Energy - Provider
- Bluetooth® Low Energy - Seeker
- Device Ranging
- TCP/UDP NDP Initiator
- TCP/UDP NDP Responder

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
- 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
- OM subfield in A-Control field
- Operating mode indication
- SU beamformee
- UL OFDMA
- UL TB PPDU multi-tone



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Wi-Fi CERTIFIED 6® (continued)

Wi-Fi 6E
Wi-Fi 6 Release 2 features
UL MU-MIMO
UL MU Control
Target Wake Time information frames
Broadcast Target Wake Time
Dynamic MU SMPS
M-BSSID control frames
Preamble Puncturing

Wi-Fi CERTIFIED™ n (continued)

Short Guard Interval

Wi-Fi Direct®

Wi-Fi Easy Connect™

Bootstrapping methods
QR code responder

Wi-Fi CERTIFIED™ a

Wi-Fi Enhanced Open™ 2021-01

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 Protected Setup™

PIN
Pushbutton

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

STBC
A-MPDU Tx
HT Duplicate Mode
OBSS on Extension Channel