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™
Alternative topologies	TDLS Wi-Fi Aware™ Wi-Fi Direct®
Network management	WMM® WMM®-Admission Control WMM®-Power Save Wi-Fi Agile Multiband™
Performance	Voice-Enterprise
Security	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2021-01 WPA3™-Enterprise 2020-02 WPA3™-Personal 2020-12 Wi-Fi Enhanced Open™ 2021-01
Wi-Fi (MAC/PHY)	2.4 GHz Spectrum Capabilities

CLASSIFICATION	CERTIFICATION
Wi-Fi (MAC/PHY)	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 CERTIFIED™ Certificate

Certification ID: WFA120654

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

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

Wi-Fi CERTIFIED™ Certificate

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Wi-Fi Components

Wi-Fi Component Operating System

Android 13

Wi-Fi Component Firmware

Android T0

RF Architecture

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2.4 GHz	2	2
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Certifications

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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

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

Wi-Fi Agile Multiband™

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

Wi-Fi Aware™

Wi-Fi Aware™ (continued)

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-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
M-BSSID
Operating mode subfield in A-Control field
Operating mode indication
SU beamformee
UL OFDMA
Wi-Fi 6E
Wi-Fi 6 Release 2 features
- UL MU-MIMO
- UL MU Control
- Target Wake Time information frames
- Broadcast Target Wake Time

Wi-Fi CERTIFIED 6® (continued)

Dynamic MU SMPS
M-BSSID control frames
Preamble Puncturing

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
HT Duplicate Mode
OBSS on Extension Channel
Short Guard Interval

Wi-Fi Direct®

Wi-Fi Easy Connect™

Wi-Fi Easy Connect™ (continued)

Wi-Fi Easy Connect bootstrapping methods
QR code responder

Wi-Fi Enhanced Open™ 2021-01

Wi-Fi Protected Setup™

PIN
Pushbutton