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: WFA93165

Product Info

Date of Certification	August 25, 2021
Company	MediaTek Inc.
Product Name	MT7915
Product Model Variant	WPA3 6E update
Model Number	MT7915
Category	Other
Sub-category	Embedded Module

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Connectivity	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities 6 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 Enhanced Open™ 2021-01
Optimization	WMM® Wi-Fi Agile Multiband™ Wi-Fi EasyMesh™ Wi-Fi QoS Management™
Security	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2021-01 WPA3™-Enterprise 2020-02 WPA3™-Personal 2020-02 WPA™-Enterprise WPA™-Personal

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CLASSIFICATION	CERTIFICATION
Spectrum & Regulatory Features	Spectrum & Regulatory

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Wi-Fi Components

Wi-Fi Component Operating System

Linux, version:Linux

Wi-Fi Component Firmware

OpenWRT

RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	4	4
5 GHz	4	4
6 GHz	4	4

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

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

Protected Management Frames

Spectrum & Regulatory

802.11d
802.11h

WMM®

WPA2™-Enterprise 2018-04

EAP methods

WPA2™-Personal 2021-01

WPA3™-Enterprise 2020-02

EAP methods
192-bit security

WPA3™-Personal 2020-02

WPA™-Enterprise

WPA™-Personal

Wi-Fi Agile Multiband™

Automatically populate BSS Transition candidate list
Cellular Data aware
Fast Transition OTA on WPA2-Enterprise

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Role: Access Point

Wi-Fi Agile Multiband™ (continued)

Fast Transition OTA on WPA2-Personal

Wi-Fi CERTIFIED 6®

A-MPDU with A-MSDU
Basic Trigger frame in HE MU PPDU
BSRP Trigger frame
Compressed Block Ack Rx (buffer size 256)
Compressed Block Ack Tx (buffer size 256)
DL MU-MIMO
DL OFDMA
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 indication
SU beamformer
SU-MIMO
TXOP RTS Threshold
UL OFDMA
Wi-Fi 6E

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

RTS with BW Signaling
Extended 5 GHz Channel Support

Wi-Fi CERTIFIED™ ac (continued)

A-MPDU with A-MSDU
DL MU-MIMO
LDPC Rx
LDPC Tx
MCS 8-9 Rx
Short Guard Interval
STBC
SU beamformer

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

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

Wi-Fi EasyMesh™

Backhaul Link
- Backhaul in 2.4 GHz
- Backhaul in 5 GHz low band
- Backhaul in 5 GHz high band
- Backhaul over Ethernet

Fronthaul Access Point
- Fronthaul in 2.4 GHz
- Fronthaul in 5 GHz low band
- Fronthaul in 5 GHz high band

Client Capability Query
Unassociated STA Link Metrics Reporting
Channel Scan on Request
Backhaul onboarding with Pushbutton

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Wi-Fi CERTIFIED™ Certificate

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Wi-Fi EasyMesh™ (continued)

Coordinated CAC

Traffic separation

Wi-Fi Enhanced Open™ 2021-01

Wi-Fi QoS Management™

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Wi-Fi CERTIFIED™ Certificate

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Role: Controller

Wi-Fi Components

Wi-Fi Component Operating System

OpenWRT

Certifications

Wi-Fi EasyMesh™

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