



# 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: WFA109606

### Product Info

<b>Date of Certification</b>	December 22, 2021
<b>Company</b>	Qualcomm
<b>Product Name</b>	Qualcomm IPQ8074 Wi-Fi Networking Pro 1200
<b>Product Model Variant</b>	Easy Mesh R4
<b>Model Number</b>	CA-65-YC633-1010-MAPR3
<b>Category</b>	Routers
<b>Sub-category</b>	Access Point for Home or Small Office (Wireless Router)

### Summary of Certifications

CLASSIFICATION	CERTIFICATION
<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 Enhanced Open™ 2020-02
<b>Optimization</b>	WMM® Wi-Fi Agile Multiband™ Wi-Fi EasyMesh™ Wi-Fi QoS Management™
<b>Security</b>	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2020-02 WPA3™-Enterprise 2020-02 WPA3™-Personal 2020-12
<b>Spectrum &amp; Regulatory Features</b>	Spectrum & Regulatory



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## Wi-Fi Components

### Wi-Fi Component Operating System

Embedded Linux

### Wi-Fi Component Firmware

IPQ8074.WFA.11.5-00043-P-1

### RF Architecture

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

## 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

### Protected Management Frames

### Spectrum & Regulatory

802.11d

802.11h

### WMM®

Max Throughput

### WPA2™-Enterprise 2018-04

EAP methods

### WPA2™-Personal 2020-02

### WPA3™-Enterprise 2020-02

EAP methods

192-bit security

### WPA3™-Personal 2020-12

### Wi-Fi Agile Multiband™

Automatically populate BSS Transition candidate list

Cellular Data aware

Fast Transition OTA on WPA2-Enterprise

Fast Transition OTA on WPA2-Personal

### Wi-Fi CERTIFIED 6®

4 antenna support

A-MPDU with A-MSDU

Basic Trigger frame in HE MU PPDU

Beamforming sounding

BSRP Trigger frame

Co-located BSS

Compressed Block Ack Rx (buffer size 256)



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## Wi-Fi CERTIFIED 6® (continued)

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 CERTIFIED™ a

## Wi-Fi CERTIFIED™ ac

RTS with BW Signaling  
Extended 5 GHz Channel Support  
A-MPDU with A-MSDU  
DL MU-MIMO  
LDPC Rx  
LDPC Tx  
MCS 8 Rx  
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  
RIFS  
Short Guard Interval  
STBC  
A-MPDU Tx

## Wi-Fi EasyMesh™

Backhaul Link  
Fronthaul Access Point  
    Fronthaul in 2.4 GHz  
    Fronthaul in 5 GHz low band  
Agent-initiated Steering capability  
Backhaul onboarding with Wi-Fi Protected Setup pushbutton  
Backhaul onboarding with Wi-Fi easy Connect QR code  
Channel Scan on Request  
Client Capability Query  
Coordinated CAC  
C-TAG Service Prioritization  
Traffic separation  
Unassociated STA Link Metrics Reporting

## Wi-Fi Enhanced Open™ 2020-02

## Wi-Fi QoS Management™

Default DSCP to UP mapping  
DSCP QoS Map  
DSCP Policy  
Mirrored Stream Classification Service



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## Wi-Fi QoS Management™ (continued)

Stream Classification Service



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**Role: Controller**

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## Wi-Fi Components

Wi-Fi Component Operating System

Embedded Linux

## Certifications

Wi-Fi EasyMesh™