

# 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 ID: WFA133499**

## **Product Info**

**Date of Certification** February 12, 2025

**Company** NEC Corporation

Product Name 7200d8be

Product Model Variant 7200d8be

Model Number 7200d8be

**Category** Routers

**Sub-category** Access Point for Home or Small Office (Wireless Router)

## **Summary of Certifications**

CLASSIFICATION CERTIFICATION

Network management WMM®

Wi-Fi Agile Multiband™

**Security** Protected Management Frames

WPA2™-Personal 2021-01 WPA3™-Personal 2024-10

Wi-Fi (MAC/PHY) 2.4 GHz Spectrum Capabilities

5 GHz Spectrum Capabilities

Spectrum & Regulatory
Wi-Fi CERTIFIED 6®
Wi-Fi CERTIFIED 7™
Wi-Fi CERTIFIED™ a
Wi-Fi CERTIFIED™ b
Wi-Fi CERTIFIED™ g
Wi-Fi CERTIFIED™ n



# Wi-Fi CERTIFIED® Certificate

**Certification ID: WFA133499** 



Role: Access Point Page 2 of 3

#### Wi-Fi Components

Wi-Fi Component Operating System

Linux

Wi-Fi Component Firmware

mtk-wifi-mt7988-mt7992

#### **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 40 MHz Channel Width in 2.4 GHz

#### WPA3™-Personal 2024-10 (continued)

AKM 24
Beacon Protection

#### **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

# Wi-Fi Agile Multiband™

#### Wi-Fi CERTIFIED 6®

4 antenna support

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-RTS Trigger frame

#### **Protected Management Frames**

#### **Spectrum & Regulatory**

802.11d

802.11h

**WMM®** 

WPA2™-Personal 2021-01

WPA3™-Personal 2024-10



# Wi-Fi CERTIFIED® Certificate

**Certification ID: WFA133499** 



Role: Access Point Page 3 of 3

#### Wi-Fi CERTIFIED 6® (continued)

Operating mode subfield in A-Control field

Operating mode indication

Operating mode UL MU Rx

SU beamformer

SU-MIMO

TXOP RTS Threshold

**UL OFDMA** 

#### Wi-Fi CERTIFIED 7™

A-MPDU with A-MSDU

**BSRP** Trigger frame

BSS critical update

Compressed Block Ack Rx (buffer size 256)

Compressed Block Ack Tx (buffer size 256)

DL MU-MIMO

DL OFDMA

Dynamic MU SMPS

EMLSR (Enhanced Multilink Single-Radio)

LDPC Rx

LDPC Tx

MCS 8-9 Rx

MCS 8-9 Tx

MCS 10-11 Rx

MCS 10-11 Tx

MCS 12-13 Rx

MCS 12-13 Tx

Multi-RU

MU-RTS Trigger frame

Operating mode indication

STR (Simultaneous Transmit and Receive)

SU-MIMO

Triggered uplink access optimization

**UL OFDMA** 

## Wi-Fi CERTIFIED™ a

#### Wi-Fi CERTIFIED™ ac

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

A-MPDU Tx

OBSS on Extension Channel

Short Guard Interval

STBC