



# 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: WFA109751**

## Product Info

<b>Date of Certification</b>	February 1, 2021
<b>Company</b>	NEC Corporation
<b>Product Name</b>	HIKARI TAKINOU ROUTER
<b>Product Model Variant</b>	HIKARI TAKINOU ROUTER
<b>Model Number</b>	eo-RT200(N)
<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™
<b>Security</b>	Protected Management Frames WPA2™-Personal 2020-02 WPA3™-Personal 2020-02

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Role: Access Point

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux

### Wi-Fi Component Firmware

JC02

### 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

### 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

### Protected Management Frames

### WMM®

### WPA2™-Personal 2020-02

### WPA3™-Personal 2020-02

### Wi-Fi Agile Multiband™

Automatically populate BSS Transition candidate list

### Wi-Fi CERTIFIED 6®

### Wi-Fi CERTIFIED 6® (continued)

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-BAR Trigger frame  
 MU-RTS Trigger frame  
 M-BSSID  
 Operating mode subfield in A-Control field  
 Operating mode indication  
 Operating mode UL MU Rx  
 SU beamformer  
 SU-MIMO  
 TXOP RTS Threshold

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## Wi-Fi CERTIFIED 6® (continued)

UL OFDMA

## Wi-Fi CERTIFIED™ a

## Wi-Fi CERTIFIED™ ac

RTS with BW Signaling  
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 Enhanced Open™ 2020-02

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