



# 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: WFA132597**

## Product Info

|                              |   |
|------------------------------|---|
| <b>Date of Certification</b> | September 13, 2024                                      |
| <b>Company</b>               | Huawei Technologies Co., Ltd.                           |
| <b>Product Name</b>          | Optical Network Terminal                                |
| <b>Product Model Variant</b> | EchoLife EG8041V5-10                                    |
| <b>Model Number</b>          | EchoLife EG8041V5-10                                    |
| <b>Category</b>              | Routers   |
| <b>Sub-category</b>          | Access Point for Home or Small Office (Wireless Router) |

## Summary of Certifications

| CLASSIFICATION      | CERTIFICATION   |
|---------------------|---|
| <b>Access</b>       | Wi-Fi Protected Setup™  |
| <b>Connectivity</b> | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<br>Wi-Fi CERTIFIED™ a<br>Wi-Fi CERTIFIED™ ac<br>Wi-Fi CERTIFIED™ b<br>Wi-Fi CERTIFIED™ g<br>Wi-Fi CERTIFIED™ n |
| <b>Optimization</b> | WMM®<br>WMM®-Power Save<br>Wi-Fi EasyMesh™  |
| <b>Security</b>     | Protected Management Frames<br>WPA2™-Enterprise 2018-04<br>WPA2™-Personal 2021-01<br>WPA3™-Enterprise 2022-12<br>WPA3™-Personal 2023-12                                     |



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Role: Access Point

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## Wi-Fi Components

### Wi-Fi Component Operating System

Proprietary / Other, description:RTOSck

### Wi-Fi Component Firmware

B512

### RF Architecture

| Bands Supported | Transmit (Tx) | Receive (Rx) |
|-----------------|---------------|--------------|
| 2.4 GHz         | 2             | 2            |
| 5 GHz           | 2             | 2            |

## 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

### Protected Management Frames

### WMM®

### WMM®-Power Save

Legacy Power Save

Unschedule auto PS

### WPA2™-Enterprise 2018-04

EAP methods

### WPA2™-Personal 2021-01

### WPA3™-Enterprise 2022-12

EAP methods

### WPA3™-Personal 2023-12

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU

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



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## Wi-Fi CERTIFIED™ n (continued)

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

## 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  
Backhaul onboarding with Wi-Fi Protected Setup pushbutton

## Wi-Fi Protected Setup™

PIN  
Pushbutton



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**Role: Controller**

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## Wi-Fi Components

**Wi-Fi Component Operating System**

Proprietary / Other, description:RTOSck

## Certifications

**Wi-Fi EasyMesh™**