



# 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: WFA118950**

## Product Info

Date of Certification	March 22, 2022
Company	Huawei Technologies Co., Ltd.
Product Name	Home GateWay
Product Model Variant	DN8245V-70
Model Number	DN8245V-70
Category	Routers
Sub-category	Enterprise/Service Provider Access Point, Switch/Controller or Router

## Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Wi-Fi Protected Setup™
Connectivity	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n
Optimization	WMM® WMM®-Power Save Wi-Fi EasyMesh™
Security	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2018-04



# Wi-Fi CERTIFIED™ Certificate

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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 2018-04

#### 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

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

#### Wi-Fi EasyMesh™



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## Wi-Fi EasyMesh™ (continued)

### 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 Pushbutton

## Wi-Fi Protected Setup™

### PIN

### Pushbutton



# Wi-Fi CERTIFIED™ Certificate

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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™