



# 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: WFA134129**

## Product Info

<b>Date of Certification</b>	January 15, 2025
<b>Company</b>	ZTE Corporation
<b>Product Name</b>	Home Gateway
<b>Product Model Variant</b>	ZXHN F8705
<b>Model Number</b>	ZXHN F8705
<b>Category</b>	Routers
<b>Sub-category</b>	Cable, DSL or Other Broadband Gateway (Integrated Home Access Device)

## Summary of Certifications

CLASSIFICATION	CERTIFICATION
<b>Connectivity</b>	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED 6® Release 2 Wi-Fi CERTIFIED 7™ Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n Wi-Fi Enhanced Open™ 2023-12
<b>Optimization</b>	WMM® Wi-Fi Agile Multiband™ Wi-Fi EasyMesh™
<b>Security</b>	Protected Management Frames WPA2™-Personal 2021-01 WPA3™-Personal 2023-12



# Wi-Fi CERTIFIED™ Certificate

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Role: Access Point

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux

### Wi-Fi Component Firmware

V1.0

### 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  
 160 MHz Channel Width in 5 GHz

### Protected Management Frames

### WMM®

### WPA2™-Personal 2021-01

### WPA3™-Personal 2023-12

AKM 24  
 Beacon Protection

### Wi-Fi Agile Multiband™

### Wi-Fi CERTIFIED 6® Release 2

Basic Trigger frame in HE MU PPDU  
 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-BAR Trigger frame  
 MU-RTS Trigger frame  
 Operating mode indication  
 SU beamformer  
 SU-MIMO  
 TXOP RTS Threshold  
 UL OFDMA  
 Wi-Fi 6 Release 2 features  
 Dynamic MU SMPS

### Wi-Fi CERTIFIED 7™

BSS critical update  
 DL OFDMA  
 Dynamic MU SMPS



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## Wi-Fi CERTIFIED 7™ (continued)

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™ n (continued)

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

## Wi-Fi Enhanced Open™ 2023-12

## Wi-Fi CERTIFIED™ a

## Wi-Fi CERTIFIED™ ac

LDPC Rx  
LDPC Tx  
MCS 8-9 Rx  
RTS with BW Signaling  
Short Guard Interval  
STBC  
SU beamformer

## Wi-Fi CERTIFIED™ b

## Wi-Fi CERTIFIED™ g

## Wi-Fi CERTIFIED™ n



# Wi-Fi CERTIFIED™ Certificate

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**Role: Controller**

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## Wi-Fi Components

Wi-Fi Component Operating System

Linux

## Certifications

Wi-Fi EasyMesh™