



# 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: WFA130562**

## Product Info

|                              |   |
|------------------------------|---|
| <b>Date of Certification</b> | March 27, 2024  |
| <b>Company</b>               | ZTE Corporation   |
| <b>Product Name</b>          | Home Gateway  |
| <b>Product Model Variant</b> | ZXHN G1612V5  |
| <b>Model Number</b>          | ZXHN G1612V5  |
| <b>Category</b>              | Routers   |
| <b>Sub-category</b>          | Cable, DSL or Other Broadband Gateway (Integrated Home Access Device) |

## Summary of Certifications

| <b>CLASSIFICATION</b> | <b>CERTIFICATION</b>  |
|-----------------------|---|
| <b>Access</b>         | Wi-Fi Protected Setup™  |
| <b>Connectivity</b>   | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<br>Wi-Fi CERTIFIED 6®<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>Wi-Fi Agile Multiband™<br>Wi-Fi EasyMesh™   |
| <b>Security</b>       | Protected Management Frames<br>WPA2™-Personal 2021-01<br>WPA3™-Personal 2023-12<br>WPA™-Personal  |



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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

### WPA™-Personal

### Wi-Fi Agile Multiband™

### Wi-Fi CERTIFIED 6®

### Wi-Fi CERTIFIED 6® (continued)

A-MPDU with A-MSDU  
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  
Operating mode indication  
SU beamformer  
SU-MIMO  
TXOP RTS Threshold  
UL OFDMA

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac



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## Wi-Fi CERTIFIED™ ac (continued)

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

## Wi-Fi Protected Setup™

PIN  
Pushbutton



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**Role: Controller**

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## Wi-Fi Components

Wi-Fi Component Operating System

Linux

## Certifications

Wi-Fi EasyMesh™