



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 ID: WFA136876

Product Info

Date of Certification	August 7, 2025
Company	ZTE Corporation
Product Name	Home Gateway
Product Model Variant	ZXHN H6721
Model Number	ZXHN H6721
Category	Routers
Sub-category	Access Point for Home or Small Office (Wireless Router)

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Network management	WMM® Wi-Fi Agile Multiband™
Security	Protected Management Frames WPA2™-Personal 2021-01 WPA3™-Personal 2024-10
Wi-Fi (MAC/PHY)	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

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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	4	4

Certifications

2.4 GHz Spectrum Capabilities

20 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 2024-10

AKM 24

Beacon Protection

Wi-Fi Agile Multiband™

Wi-Fi CERTIFIED 6® Release 2

Wi-Fi CERTIFIED 6® Release 2 (continued)

DL MU-MIMO
DL OFDMA
Individual Target Wake Time
MCS 8-9 Rx
MCS 8-9 Tx
Operating mode subfield in A-Control field
Operating mode indication
Operating mode UL MU Rx
SU-MIMO
UL OFDMA
Wi-Fi 6 Release 2 features
Dynamic MU SMPS

Wi-Fi CERTIFIED 7™

BSS critical update
DL MU-MIMO
DL OFDMA
Dynamic MU SMPS
EMLSR (Enhanced Multilink Single-Radio)
MCS 8-9 Rx
MCS 8-9 Tx
Multi-RU
Operating mode indication

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Wi-Fi CERTIFIED 7™ (continued)

STR (Simultaneous Transmit and Receive)
SU-MIMO
Triggered uplink access optimization
UL OFDMA

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

DL MU-MIMO
MCS 8-9 Rx
Short Guard Interval
STBC

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

A-MPDU Tx
HT Duplicate Mode
Short Guard Interval
STBC

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