



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: WFA135871

Product Info

Date of Certification	April 16, 2025
Company	ZTE Corporation
Product Name	10G EPON ONT
Product Model Variant	F5748Q
Model Number	F5748Q
Category	Routers
Sub-category	Access Point for Home or Small Office (Wireless Router)

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Wi-Fi Protected Setup™
Alternative topologies	Wi-Fi EasyMesh™
Network management	WMM® Wi-Fi Agile Multiband™
Security	Protected Management Frames WPA2™-Personal 2021-01 WPA3™-Personal 2023-12 Wi-Fi Enhanced Open™ 2023-12
Wi-Fi (MAC/PHY)	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities 6 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	4	4
5 GHz	4	4
6 GHz	4	4

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

6 GHz Spectrum Capabilities

20 MHz Channel Width in 6 GHz
40 MHz Channel Width in 6 GHz
80 MHz Channel Width in 6 GHz
160 MHz Channel Width in 6 GHz
320 MHz channel width in 6 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

4 antenna support
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
Operating mode subfield in A-Control field
Operating mode indication
Operating mode UL MU Rx
SU beamformer

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Wi-Fi CERTIFIED 6® Release 2 (continued)

SU-MIMO
 UL OFDMA
 Co-located BSS
 Wi-Fi 6 Release 2 features
 UL MU-MIMO
 Dynamic MU SMPS

Wi-Fi CERTIFIED™ ac (continued)

DL MU-MIMO
 LDPC Rx
 LDPC Tx
 MCS 8-9 Rx
 Short Guard Interval
 STBC
 SU beamformer

Wi-Fi CERTIFIED 7™

BSS critical update
 DL MU-MIMO
 DL OFDMA
 Dynamic MU SMPS
 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
 Operating mode indication
 Static puncturing
 STR (Simultaneous Transmit and Receive)
 SU-MIMO
 Triggered uplink access optimization
 UL MU-MIMO
 UL OFDMA

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 Enhanced Open™ 2023-12

Wi-Fi Protected Setup™

PIN
 Pushbutton

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

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Role: Controller

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Wi-Fi Components

Wi-Fi Component Operating System

Linux

Certifications

Wi-Fi EasyMesh™

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