



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

Certification ID: WFA131799

Product Info

Date of Certification	July 9, 2024
Company	Fiberhome Technologies Group Corporation
Product Name	XGPON ONU
Product Model Variant	AN4473-G1
Model Number	AN4473-G1
Category	Routers
Sub-category	Access Point for Home or Small Office (Wireless Router)

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Connectivity	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED 6® Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n
Optimization	WMM® Wi-Fi Agile Multiband™ Wi-Fi EasyMesh™
Security	Protected Management Frames WPA2™-Personal 2021-01 WPA3™-Personal 2020-12



Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA131799



Role: Access Point

Page 2 of 4

Wi-Fi Components

Wi-Fi Component Operating System

Linux

Wi-Fi Component Firmware

0x8a00

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 2020-12

Wi-Fi Agile Multiband™

Automatically populate BSS Transition candidate list
Cellular Data aware

Wi-Fi CERTIFIED 6®

DL OFDMA
Individual Target Wake Time
LDPC Rx
LDPC Tx
Operating mode indication
SU-MIMO
UL OFDMA

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

LDPC Rx
LDPC Tx
Short Guard Interval
STBC

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n



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Certification ID: WFA131799



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Page 3 of 4

Wi-Fi CERTIFIED™ n (continued)

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

Wi-Fi EasyMesh™

- 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
- Agent-initiated Steering capability
- Unassociated STA Link Metrics Reporting
- Channel Scan on Request
- Backhaul onboarding with Wi-Fi Protected Setup pushbutton
- Coordinated CAC
- Traffic separation



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Certification ID: WFA131799



Role: Controller

Page 4 of 4

Wi-Fi Components

Wi-Fi Component Operating System

Linux

Certifications

Wi-Fi EasyMesh™