



# Wi-Fi CERTIFIED® Certificate



This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: [www.wi-fi.org](http://www.wi-fi.org)

**Certification ID: WFA132570**

## Product Info

<b>Date of Certification</b>	November 7, 2024
<b>Company</b>	Fiberhome Technologies Group Corporation
<b>Product Name</b>	GPON ONU
<b>Product Model Variant</b>	HG6142HT
<b>Model Number</b>	HG6142HT
<b>Category</b>	Routers
<b>Sub-category</b>	Access Point for Home or Small Office (Wireless Router)

## Summary of Certifications

CLASSIFICATION	CERTIFICATION
<b>Network management</b>	WMM® Wi-Fi Agile Multiband™
<b>Security</b>	Protected Management Frames WPA2™-Personal 2021-01 WPA3™-Personal 2023-12
<b>Wi-Fi (MAC/PHY)</b>	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED 6® Wi-Fi CERTIFIED 7™ Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n

This certificate was downloaded on **2026-04-05** at **10:36:04** UTC

Wi-Fi®, Wi-Fi CERTIFIED®, Wi-Fi Alliance®, the Wi-Fi logo, the Wi-Fi CERTIFIED logo, and [other marks](#) are trademarks of Wi-Fi Alliance. Matter™ is a trademark of the Connectivity Standards Alliance.



# Wi-Fi CERTIFIED® Certificate

Certification ID: WFA132570



Role: Access Point

Page 2 of 3

## Wi-Fi Components

### Wi-Fi Component Operating System

5.10.0

### Wi-Fi Component Firmware

HiSmartHub\_1.1

### 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

### 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

### Protected Management Frames

### WMM®

### WPA2™-Personal 2021-01

### WPA3™-Personal 2023-12

AKM 24

Beacon Protection

### Wi-Fi Agile Multiband™

Automatically populate BSS Transition candidate list

### Wi-Fi CERTIFIED 6®

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 CERTIFIED 7™

BSS critical update

DL OFDMA

Dynamic MU SMPS

EMLSR (Enhanced Multilink Single-Radio)

MCS 8-9 Rx

MCS 8-9 Tx

Multi-RU

Operating mode indication

STR (Simultaneous Transmit and Receive)

SU-MIMO

Triggered uplink access optimization

UL OFDMA

This certificate was downloaded on **2026-04-05** at **10:36:04** UTC

Wi-Fi®, Wi-Fi CERTIFIED®, Wi-Fi Alliance®, the Wi-Fi logo, the Wi-Fi CERTIFIED logo, and [other marks](#) are trademarks of Wi-Fi Alliance. Matter™ is a trademark of the Connectivity Standards Alliance.



# Wi-Fi CERTIFIED® Certificate

Certification ID: WFA132570



Role: Access Point

Page 3 of 3

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

MCS 8-9 Rx  
Short Guard Interval

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

Short Guard Interval

This certificate was downloaded on **2026-04-05** at **10:36:04** UTC

Wi-Fi®, Wi-Fi CERTIFIED®, Wi-Fi Alliance®, the Wi-Fi logo, the Wi-Fi CERTIFIED logo, and [other marks](#) are trademarks of Wi-Fi Alliance. Matter™ is a trademark of the Connectivity Standards Alliance.