



# 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: WFA97985**

## Product Info

<b>Date of Certification</b>	May 12, 2020
<b>Company</b>	Zyxel Communications Corporation
<b>Product Name</b>	Dual-Band AC2100 Gigabit Wireless Bridge
<b>Product Model Variant</b>	2020-05-12 (WFA97985 - 10934539)
<b>Model Number</b>	WAP6807
<b>Category</b>	Routers
<b>Sub-category</b>	Repeater, Extender, Mesh System, Controller

## Summary of Certifications

<b>CLASSIFICATION</b>	<b>CERTIFICATION</b>
<b>Connectivity</b>	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n
<b>Optimization</b>	WMM® Wi-Fi EasyMesh™ R1
<b>Security</b>	Protected Management Frames WPA2™-Personal 2018-04



# Wi-Fi CERTIFIED™ Certificate

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Role: Access Point

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux, version:3.10.108

### Wi-Fi Component Firmware

V1.00(ABTB.1)b2

### 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  
40 MHz Channel Width in 2.4 GHz

### Wi-Fi CERTIFIED™ ac (continued)

Short Guard Interval  
STBC

### 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

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

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

### Protected Management Frames

### WMM®

### WPA2™-Personal 2018-04

### Wi-Fi CERTIFIED™ a

### Wi-Fi EasyMesh™ R1

### Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU  
LDPC Rx  
LDPC Tx  
MCS 8-9 Rx

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



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## Wi-Fi EasyMesh™ R1 (continued)

- Fronthaul in 2.4 GHz
- Fronthaul in 5 GHz low band
- Fronthaul in 5 GHz high band
- Agent-initiated Steering capability
- Client Capability Query
- Unassociated STA Link Metrics Reporting



# Wi-Fi CERTIFIED™ Certificate

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**Role: Controller**

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux, version:3.10.108

## Certifications

**Wi-Fi EasyMesh™ R1**