



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: WFA97985

Product Info

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

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Alternative topologies	Wi-Fi EasyMesh™
Network management	WMM®
Security	Protected Management Frames WPA2™-Personal 2018-04
Wi-Fi (MAC/PHY)	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

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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™

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™ (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
Backhaul onboarding with Wi-Fi Protected Setup pushbutton

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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™

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