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: WFA56347

Product Info

Date of Certification	October 21, 2014
Company	Zyxel Communications Corporation
Product Name	802.11 ac Unified Pro Access Point
Product Model Variant	2014-10-21 (WFA56347 - 2268803)
Model Number	WAC6503D-S
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™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n
Optimization	WMM® WMM®-Power Save
Security	Protected Management Frames WPA2™-Enterprise WPA2™-Personal
Spectrum & Regulatory Features	Spectrum & Regulatory

Wi-Fi Components

Wi-Fi Component Operating System

Linux, version:V2.6.31

Wi-Fi Component Firmware

10.2.56

RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	3	3
5 GHz	3	3

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

Protected Management Frames

Spectrum & Regulatory

802.11d
802.11h

WMM®

WMM®-Power Save

WPA2™-Enterprise

WPA2™-Enterprise (continued)

EAP methods

WPA2™-Personal

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU
LDPC Rx
LDPC Tx
MCS 8-9 Rx
Short Guard Interval
STBC

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

OBSS on Extension Channel
RIFS

Wi-Fi CERTIFIED™ n (continued)

Short Guard Interval

STBC

A-MPDU Tx