Wi-Fi CERTIFIED™ Interoperability Certificate

This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing.
Learn more: www.wi-fi.org/certification/programs

Date of Last Certification	October 21, 2014
Company	ZyXEL Communications Corporation
Product	802.11 ac Unified Pro Access Point
Model Number	WAC6503D-S
Product Identifier(s)	
Category	Access Point for Home or Small Office (Wireless Router)
Hardware Version	Product: 1.0, Wi-Fi Component: QCA9558 and QCA9880
Firmware Version	Product: V4.20(AASF.0)-2014-09-15, Wi-Fi Component: 10.2.56
Operating System	Linux, version: V2.6.31
Frequency Band(s)	2.4 GHz, 5 GHz - Concurrent

Summary of Certifications

CLASSIFICATION	PROGRAM
Connectivity	Wi-Fi CERTIFIED™ a, b, g, n, ac
	WPA™ – Enterprise, Personal
	WPA2™ – Enterprise, Personal
Optimization	WMM®
	WMM®-Power Save

Security

WPA™ – Enterprise, Personal
WPA2™ – Enterprise, Personal
    EAP Type(s)
        EAP-TLS
        EAP-TTLS/MSCHAPv2
        PEAPv0/EAP-MSCHAPv2
        PEAPv1/EAP-GTC
        EAP-SIM
        EAP-AKA
        EAP-AKA Prime
        EAP-FAST
    Protected Management Frames

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

2.4 GHz, 5 GHz - Concurrent
Tx 3 tested Spatial Streams 2.4 GHz
Rx 3 tested Spatial Streams 2.4 GHz
Tx 3 tested Spatial Streams 5 GHz
Rx 3 tested Spatial Streams 5 GHz
Short Guard Interval
TX A-MPDU
STBC Transmit
40 MHz operation in 2.4 GHz, with coexistence mechanisms
40 MHz operation in 5 GHz
OBSS on Extension Channel
RIFS Test

Wi-Fi CERTIFIED™ ac

Tx 3 tested Spatial Streams 5 GHz
Rx 3 tested Spatial Streams 5 GHz
Rx MCS 8-9 (256-QAM)
Rx Short Guard Interval
Tx STBC 2x1
Rx A-MPDU of A-MSDU
Tx LDPC
Rx LDPC

WMM®

WMM®-Power Save

Spectrum and Regulatory Features

Spectrum and Regulatory Features (continued)

802.11d
802.11h