



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: WFA54039

Product Info

Date of Certification	April 8, 2014
Company	Broadcom Corporation
Product Name	Broadcom 802.11 a/b/g/n/ac 1x1 Wireless Adapter
Product Model Variant	2014-04-08 (WFA54039 - 1772612)
Model Number	BCM943162ZP
Category	Computers & Accessories
Sub-category	Laptop Computer

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®
Security	WPA2™-Enterprise WPA2™-Personal

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Role: Station

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Wi-Fi Components

Wi-Fi Component Operating System

Windows 8, version:8.1

Wi-Fi Component Firmware

7.12.28.0

RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	1	1
5 GHz	1	1

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

WMM®

WPA2™-Enterprise

EAP methods
 EAP TLS
 EAP TTLS
 PEAPv0

WPA2™-Personal

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

Wi-Fi CERTIFIED™ ac (continued)

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

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

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

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