# 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: WFA59778

## Product Info

| | |
|---|---|
| Date of Certification | May 19, 2015 |
| Company | Broadcom Corporation |
| Product Name | Broadcom 802.11 a/b/g/n/ac wireless adapter |
| Product Model Variant | 2015-05-19 (WFA59778 - 2892603) |
| Model Number | BCM94356Z |
| Category | Computers & Accessories |
| Sub-category | Internal Adapter |

## Summary of Certifications

| CLASSIFICATION | CERTIFICATION |
|---|---|
| Connectivity | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<br>Wi-Fi CERTIFIED™ a<br>Wi-Fi CERTIFIED™ ac<br>Wi-Fi CERTIFIED™ b<br>Wi-Fi CERTIFIED™ g<br>Wi-Fi CERTIFIED™ n |
| Optimization | WMM® |
| Security | Protected Management Frames<br>WPA2™-Enterprise<br>WPA2™-Personal |
| Spectrum & Regulatory Features | Spectrum & Regulatory |

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## Wi-Fi Components

### Wi-Fi Component Operating System

Windows 8, version:8.1

### Wi-Fi Component Firmware

1.315.51.0

### RF Architecture

| Bands Supported | Transmit (Tx) | Receive (Rx) |
|---|---|---|
| 2.4 GHz | 2 | 2 |
| 5 GHz | 2 | 2 |

## 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

802.11h

### WMM®

### WPA2™-Enterprise

EAP methods
　　EAP TLS
　　EAP TTLS

### WPA2™-Enterprise (continued)

PEAPv0

### WPA2™-Personal

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

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

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### Wi-Fi CERTIFIED™ n (continued)

A-MPDU Tx

HT Duplicate Mode

OBSS on Extension Channel

RIFS

Power Management

Short Guard Interval