



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

## **Certification ID: WFA54166**

#### **Product Info**

**Date of Certification** August 28, 2014

Company NXP Semiconductors

Product Name 802.11a/b/g/n Module / 88W8797

**Product Model Variant** 2014-08-28 (WFA54166 - 2201243)

Model Number USB-8797

**Category** Other

**Sub-category** Reference Design

## **Summary of Certifications**

CLASSIFICATION CERTIFICATION

Access Wi-Fi Protected Setup™

Alternative topologies Wi-Fi Direct®

Applications Miracast®

Network management WMM®

Security WPA2<sup>™</sup>-Personal

Wi-Fi (MAC/PHY) 2.4 GHz Spectrum Capabilities

5 GHz Spectrum Capabilities

Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n



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Role: Station Page 2 of 4

### Wi-Fi Components

Wi-Fi Component Operating System

Linux

Wi-Fi Component Firmware

14.69.30.p8-M2614438

#### **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

#### **WMM®**

**WPA2™-Personal** 

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

## Wi-Fi CERTIFIED™ n (continued)

**OBSS on Extension Channel** 

RIFS

Power Management

Short Guard Interval

#### Wi-Fi Direct®

Wi-Fi Direct Services

Wi-Fi Direct Send - Transmit

Wi-Fi Direct Send - Receive

Wi-Fi Direct for DLNA® - Transmit

Wi-Fi Direct for DLNA® - Receive

Miracast - Display

Miracast - Source

Wi-Fi Direct Print - Transmit

Wi-Fi Direct Print - Receive

Wi-Fi Direct Toolkit

## Wi-Fi CERTIFIED™ n

STBC A-MPDU Tx

HT Duplicate Mode

### Wi-Fi Protected Setup™

PIN

Pushbutton



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Wi-Fi Component Operating System	RF Architecture		
Linux	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware	2.4 GHz	2	2
14.69.30.p8-M2614438	5 GHz	2	2
Certifications			
Miracast®			



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Certifications			
Miracast®			