



# Wi-Fi CERTIFIED® Certificate

This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: [www.wi-fi.org](http://www.wi-fi.org)



**Certification ID: WFA54166**

## Product Info

<b>Date of Certification</b>	August 28, 2014
<b>Company</b>	NXP Semiconductors
<b>Product Name</b>	802.11a/b/g/n Module / 88W8797
<b>Product Model Variant</b>	2014-08-28 (WFA54166 - 2201243)
<b>Model Number</b>	USB-8797
<b>Category</b>	Other
<b>Sub-category</b>	Reference Design

## Summary of Certifications

CLASSIFICATION	CERTIFICATION
<b>Access</b>	Wi-Fi Protected Setup™
<b>Alternative topologies</b>	Wi-Fi Direct®
<b>Applications</b>	Miracast®
<b>Network management</b>	WMM®
<b>Security</b>	WPA2™-Personal
<b>Wi-Fi (MAC/PHY)</b>	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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# Wi-Fi CERTIFIED® Certificate

Certification ID: WFA54166



Role: Station

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## 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

STBC  
A-MPDU Tx  
HT Duplicate Mode

### 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 Protected Setup™

PIN  
Pushbutton

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# Wi-Fi CERTIFIED® Certificate

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Role: Source

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## Wi-Fi Components

### Wi-Fi Component Operating System

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### 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

Miracast®

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# Wi-Fi CERTIFIED® Certificate

Certification ID: WFA54166



Role: Display

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## 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

Miracast®

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