# 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 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™-Personal |
| **Wi-Fi (MAC/PHY)** | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<br>Wi-Fi CERTIFIED™ a<br>Wi-Fi CERTIFIED™ b<br>Wi-Fi CERTIFIED™ g<br>Wi-Fi CERTIFIED™ n |

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# Wi-Fi CERTIFIED® Certificate

## Certification ID: WFA54166

**Role: Station** 

## 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

## Certification ID: WFA54166

**Role: Source** 

### 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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# Wi-Fi CERTIFIED® Certificate

## Certification ID: WFA54166

**Role: Display** 

### 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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