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 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n

Wi-Fi CERTIFIED® Certificate

Certification ID: WFA54166

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

Wi-Fi CERTIFIED® Certificate

Certification ID: WFA54166

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®

This certificate was downloaded on **2026-04-29** at **07:22:34** UTC

Wi-Fi CERTIFIED® Certificate

Certification ID: WFA54166

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®

This certificate was downloaded on **2026-04-29** at **07:22:34** UTC