



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: WFA129090

Product Info

Date of Certification	December 7, 2023
Company	NXP Semiconductors
Product Name	IW416
Product Model Variant	IW416
Model Number	IW416
Category	Other
Sub-category	Embedded Module

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Wi-Fi Protected Setup™
Alternative topologies	Wi-Fi Direct®
Network management	WMM® Wi-Fi Agile Multiband™
Security	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2021-01 WPA3™-Enterprise 2022-12 WPA3™-Personal 2022-06
Wi-Fi (MAC/PHY)	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Spectrum & Regulatory Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n

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Role: Station

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Wi-Fi Components

Wi-Fi Component Operating System

Linux

Wi-Fi Component Firmware

p118

RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	1	1
5 GHz	1	1

Certifications

2.4 GHz Spectrum Capabilities

20 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

Protected Management Frames

Spectrum & Regulatory

802.11d

802.11h

WMM®

Max Throughput

WPA2™-Enterprise 2018-04

EAP methods

EAP TLS

WPA2™-Enterprise 2018-04 (continued)

EAP TTLS

PEAPv0

PEAPv1

WPA2™-Personal 2021-01

WPA3™-Enterprise 2022-12

EAP methods

EAP TLS

EAP TTLS

PEAPv0

PEAPv1

Server Certificate Validation

WPA3™-Personal 2022-06

Wi-Fi Agile Multiband™

ANQP

ANQP-based Neighbor report

BTM Query

Cellular Data capable

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Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

A-MPDU Tx
HT Duplicate Mode
OBSS on Extension Channel
Power Management
Short Guard Interval

Wi-Fi Direct®

Wi-Fi Direct with WPA2

Wi-Fi Protected Setup™

PIN
Pushbutton

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