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: WFA133294

Product Info

Date of Certification	April 22, 2025
Company	Novatel Wireless
Product Name	FX4100
Product Model Variant	FX4120
Model Number	FX4120
Category	Routers
Sub-category	Access Point for Home or Small Office (Wireless Router)

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Connectivity	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED 6® Release 2 Wi-Fi CERTIFIED 7™ Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n
Optimization	WMM® Wi-Fi Agile Multiband™
Security	Protected Management Frames WPA2™-Personal 2021-01 WPA3™-Personal 2024-10

Wi-Fi CERTIFIED™ Certificate

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Wi-Fi Components

Wi-Fi Component Operating System

OpenWRT 23.05.4

Wi-Fi Component Firmware

1.1.0.0.2917.1

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

5 GHz Spectrum Capabilities

20 MHz Channel Width in 5 GHz
40 MHz Channel Width in 5 GHz
80 MHz Channel Width in 5 GHz

Protected Management Frames

WMM®

WPA2™-Personal 2021-01

WPA3™-Personal 2024-10

AKM 24

Beacon Protection

Wi-Fi Agile Multiband™

Wi-Fi CERTIFIED 6® Release 2

Wi-Fi CERTIFIED 6® Release 2 (continued)

DL OFDMA
Individual Target Wake Time
LDPC Rx
LDPC Tx
MCS 8-9 Rx
MCS 8-9 Tx
Operating mode subfield in A-Control field
Operating mode indication
Operating mode UL MU Rx
SU-MIMO
UL OFDMA
Wi-Fi 6 Release 2 features
    Dynamic MU SMPS

Wi-Fi CERTIFIED 7™

BSS critical update
DL OFDMA
Dynamic MU SMPS
EMLSR (Enhanced Multilink Single-Radio)
LDPC Rx
LDPC Tx
MCS 8-9 Rx
MCS 8-9 Tx

Wi-Fi CERTIFIED 7™ (continued)

Multi-RU

Operating mode indication

Static puncturing

STR (Simultaneous Transmit and Receive)

SU-MIMO

Triggered uplink access optimization

UL OFDMA

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

LDPC Rx

LDPC Tx

MCS 8-9 Rx

Short Guard Interval

STBC

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

A-MPDU Tx

OBSS on Extension Channel

Short Guard Interval

STBC