



# 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](http://www.wi-fi.org/certification/programs)



**Certification ID: WFA109269**

## Product Info

Date of Certification	February 8, 2021
Company	Sercomm Corporation
Product Name	NEXXT
Product Model Variant	MOS VD4225R.FW / GPON FG4225R.FW
Model Number	IAD VD4225R.FW
Category	Routers
Sub-category	Mobile Access Point

## Summary of Certifications

CLASSIFICATION	CERTIFICATION
Connectivity	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED 6® Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n
Optimization	WMM®
Security	Protected Management Frames WPA2™-Personal 2020-02 WPA3™-Personal 2020-02



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Role: Access Point

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### Wi-Fi Components

#### Wi-Fi Component Operating System

Linux

#### Wi-Fi Component Firmware

XTD6\_3.0.09.01W05

#### RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	2	2
5 GHz	5	5

### 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  
80 MHz Channel Width in 5 GHz

#### Protected Management Frames

#### WMM®

#### WPA2™-Personal 2020-02

#### WPA3™-Personal 2020-02

#### Wi-Fi CERTIFIED 6®

4 antenna support  
A-MPDU with A-MSDU  
DL MU-MIMO  
LDPC Rx

#### Wi-Fi CERTIFIED 6® (continued)

LDPC Tx  
MCS 8-9 Rx  
MCS 8-9 Tx  
MCS 10-11 Rx  
MU EDCA Parameter Set element  
MU-RTS Trigger frame  
Operating Mode indication  
SU beamformer  
TXOP RTS Threshold

#### Wi-Fi CERTIFIED™ a

#### Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU  
LDPC Rx  
LDPC Tx  
MCS 8-9 Rx  
Short Guard Interval  
DL MU-MIMO  
STBC  
SU beamformer

#### Wi-Fi CERTIFIED™ b



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Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

OBSS on Extension Channel  
Short Guard Interval  
STBC  
A-MPDU Tx