



# 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: WFA100497

### Product Info

<b>Date of Certification</b>	October 1, 2021
<b>Company</b>	Buffalo Inc.
<b>Product Name</b>	BUFFALO AirStation WSR-3200AX4S
<b>Product Model Variant</b>	WSR-3200AX4S/NBK
<b>Model Number</b>	WSR-3200AX4S
<b>Category</b>	Routers
<b>Sub-category</b>	Access Point for Home or Small Office (Wireless Router)

### Summary of Certifications

CLASSIFICATION	CERTIFICATION
<b>Connectivity</b>	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n
<b>Optimization</b>	WMM® Wi-Fi Agile Multiband™ Wi-Fi EasyMesh™
<b>Security</b>	Protected Management Frames WPA2™-Personal 2018-04 WPA3™-Personal 2020-02 WPA™-Personal
<b>Spectrum &amp; Regulatory Features</b>	Spectrum & Regulatory



# Wi-Fi CERTIFIED™ Certificate

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Role: Access Point

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux, version:4.4.198

### Wi-Fi Component Firmware

5250\_7200

### RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	4	4
5 GHz	4	4

## 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

### Spectrum & Regulatory

802.11d  
802.11h

### WMM®

### WPA2™-Personal 2018-04

### WPA3™-Personal 2020-02

### WPA™-Personal

### Wi-Fi Agile Multiband™

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

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

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

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

### Wi-Fi EasyMesh™



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## Wi-Fi EasyMesh™ (continued)

### Backhaul Link

Backhaul in 2.4 GHz

Backhaul in 5 GHz low band

Backhaul over Ethernet

### Fronthaul Access Point

Fronthaul in 2.4 GHz

Fronthaul in 5 GHz low band

### Client Capability Query

Agent-initiated Steering capability

Unassociated STA Link Metrics Reporting

Channel Scan on Request

Backhaul onboarding with pushbutton

Coordinated CAC

Traffic separation



# Wi-Fi CERTIFIED™ Certificate

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**Role: Controller**

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux, version:4.4.198

## Certifications

**Wi-Fi EasyMesh™**