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: WFA100497

Product Info

Date of Certification	October 1, 2021
Company	Buffalo Inc.
Product Name	BUFFALO AirStation WSR-3200AX4S
Product Model Variant	WSR- 3200AX4S/NWH
Model Number	WSR-3200AX4S
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™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n
Optimization	WMM® Wi-Fi Agile Multiband™ Wi-Fi EasyMesh™
Security	Protected Management Frames WPA2™-Personal 2018-04 WPA3™-Personal 2020-02 WPA™-Personal
Spectrum & Regulatory Features	Spectrum & Regulatory

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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™

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

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Certifications

Wi-Fi EasyMesh™