



This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: www.wi-fi.org/certification/programs

Certification ID: WFA97540

Product Info

Date of Certification September 24, 2021

Company Buffalo Inc.

Product Name BUFFALO AirStation WSR-5400AX6

Product Model Variant WSR-5400AX6S

Model Number WSR-5400AX6

Category Routers

Sub-category Access Point for Home or Small Office (Wireless Router)

Summary of Certifications

CLASSIFICATION CERTIFICATION

Access Wi-Fi Protected Setup™

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

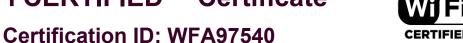
Optimization WMM®

Wi-Fi Agile Multiband™ Wi-Fi EasyMesh™

Security Protected Management Frames

WPA2[™]-Personal 2021-01 WPA3[™]-Personal 2020-02





Role: Access Point Page 2 of 4

Wi-Fi Components

Wi-Fi Component Operating System

Linux

Wi-Fi Component Firmware

V1.01

RF Architecture

Bands Supported Transmit (Tx) Receive (Rx)

2.4 GHz 2 2

5 GHz

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

160 MHz Channel Width in 5 GHz

Protected Management Frames

WMM®

WPA2™-Personal 2021-01

WPA3™-Personal 2020-02

Wi-Fi Agile Multiband™

Wi-Fi CERTIFIED 6®

4 antenna support

Wi-Fi CERTIFIED 6® (continued)

A-MPDU with A-MSDU

Basic Trigger frame in HE MU PPDU

BSRP Trigger frame

DL MU-MIMO

DL OFDMA

Individual Target Wake Time

LDPC Rx

LDPC Tx

MCS 8-9 Rx

MCS 8-9 Tx

MCS 10-11 Rx

MCS 10-11 Tx

MU EDCA Parameter Set element

MU-BAR Trigger frame

Operating mode indication

SU beamformer

TXOP RTS Threshold

UL OFDMA

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU





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Wi-Fi CERTIFIED™ ac (continued)

DL MU-MIMO

LDPC Rx

LDPC Tx

MCS 8-9 Rx

Short Guard Interval

STBC

SU beamformer

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

HT Duplicate Mode

OBSS on Extension Channel

Short Guard Interval

STBC

A-MPDU Tx

Wi-Fi EasyMesh™

Backhaul Link

Backhaul in 2.4 GHz

Backhaul in 5 GHz low band

Backhaul in 5 GHz high band

Backhaul over Ethernet

Fronthaul Access Point

Fronthaul in 2.4 GHz

Fronthaul in 5 GHz low band

Fronthaul in 5 GHz high band

Client Capability Query

Unassociated STA Link Metrics Reporting

Channel Scan on Request

Backhaul onboarding with Wi-Fi Protected Setup pushbutton

Wi-Fi EasyMesh™ (continued)

Coordinated CAC

Traffic separation

Wi-Fi Protected Setup™

PIN

Pushbutton





Certification ID: WFA97540

Role: Controller

Wi-Fi Components

Wi-Fi Component Operating System

Linux

Certifications

Wi-Fi EasyMesh™