



# 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: WFA112418**

## Product Info

Date of Certification	September 28, 2021
Company	Buffalo Inc.
Product Name	BUFFALO AirStation WSR-1500AX2S
Product Model Variant	WSR-1500AX2S Series
Model Number	WSR-1500AX2S
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 2021-01 WPA3™-Personal 2020-02



# Wi-Fi CERTIFIED™ Certificate

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Role: Access Point

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### Wi-Fi Components

#### Wi-Fi Component Operating System

Linux

#### Wi-Fi Component Firmware

1.00

#### 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  
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 2021-01

#### WPA3™-Personal 2020-02

#### Wi-Fi Agile Multiband™

#### Wi-Fi CERTIFIED™ a

#### Wi-Fi CERTIFIED™ ac

#### Wi-Fi CERTIFIED™ ac (continued)

A-MPDU with A-MSDU  
LDPC Rx  
LDPC Tx  
MCS 8-9 Rx  
Short Guard Interval  
STBC

#### Wi-Fi CERTIFIED™ b

#### Wi-Fi CERTIFIED™ g

#### Wi-Fi CERTIFIED™ n

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



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## Wi-Fi EasyMesh™ (continued)

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  
Agent-initiated Steering capability  
Unassociated STA Link Metrics Reporting  
Channel Scan on Request  
Backhaul onboarding with Wi-Fi Protected Setup 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

## Certifications

Wi-Fi EasyMesh™