



# 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: WFA118321**

## Product Info

Date of Certification	April 13, 2023
Company	Buffalo Inc.
Product Name	BUFFALO AirStation WSR-6000AX8
Product Model Variant	WSR-6000AX8P-MB
Model Number	WSR-6000AX8
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 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 2020-12
Spectrum & Regulatory Features	Spectrum & Regulatory



# Wi-Fi CERTIFIED™ Certificate

## Certification ID: WFA118321



Role: Access Point

Page 2 of 4

### Wi-Fi Components

#### Wi-Fi Component Operating System

Linux, Version: 5.4.171

#### Wi-Fi Component Firmware

7.6.2.1

#### RF Architecture

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

#### Wi-Fi Component Operating System

Linux, Version: 5.4.171

#### Wi-Fi Component Firmware

7.6.2.1

#### RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
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  
160 MHz Channel Width in 5 GHz

#### Protected Management Frames

#### Spectrum & Regulatory

802.11d  
802.11h

#### WMM®

#### WPA2™-Personal 2021-01

#### WPA3™-Personal 2020-12

#### Wi-Fi Agile Multiband™

Cellular Data aware

#### Wi-Fi CERTIFIED 6®

4 antenna support  
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



# Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA118321



Role: Access Point

Page 3 of 4

## Wi-Fi CERTIFIED 6® (continued)

MCS 10-11 Tx  
MU EDCA Parameter Set element  
MU-BAR Trigger frame  
MU-RTS Trigger frame  
M-BSSID  
Operating mode indication  
SU beamformer  
SU-MIMO  
UL OFDMA

## Wi-Fi CERTIFIED™ a

## Wi-Fi CERTIFIED™ ac

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 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 Wi-Fi Protected Setup pushbutton  
Coordinated CAC  
Traffic separation



# Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA118321



Role: Controller

Page 4 of 4

## Wi-Fi Components

### Wi-Fi Component Operating System

Linux, Version: 5.4.171

## Certifications

Wi-Fi EasyMesh™