



# 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: WFA131013**

## Product Info

|                       |   |
|-----------------------|---|
| Date of Certification | May 2, 2024   |
| Company               | Intelbras   |
| Product Name          | INTELBRAS AP 7630X WLAN AP  |
| Product Model Variant | AP 7630X  |
| Model Number          | AP 7630X  |
| Category              | Routers   |
| Sub-category          | Enterprise/Service Provider Access Point, Switch/Controller or Router |

## Summary of Certifications

| CLASSIFICATION     | CERTIFICATION  |
|--------------------|--|
| Network management | WMM®<br>WMM®-Power Save<br>Wi-Fi Agile Multiband™  |
| Security           | Protected Management Frames<br>WPA2™-Enterprise 2018-04<br>WPA2™-Personal 2021-01<br>WPA3™-Enterprise 2020-02<br>WPA3™-Personal 2020-12<br>Wi-Fi Enhanced Open™ 2023-12  |
| Wi-Fi (MAC/PHY)    | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<br>Spectrum & Regulatory<br>Wi-Fi CERTIFIED 6®<br>Wi-Fi CERTIFIED™ a<br>Wi-Fi CERTIFIED™ ac<br>Wi-Fi CERTIFIED™ b<br>Wi-Fi CERTIFIED™ g<br>Wi-Fi CERTIFIED™ n |

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Role: Access Point

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## Wi-Fi Components

### Wi-Fi Component Operating System

Proprietary / Other, description: Comware

### Wi-Fi Component Firmware

V700R001

### RF Architecture

| Bands Supported | Transmit (Tx) | Receive (Rx) |
|-----------------|---------------|--------------|
| 2.4 GHz         | 2             | 2            |
| 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

### WPA2™-Enterprise 2018-04

EAP methods

### 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

### WPA2™-Personal 2021-01

### WPA3™-Enterprise 2020-02

EAP methods

192-bit security

### Protected Management Frames

### WPA3™-Personal 2020-12

### Spectrum & Regulatory

802.11d

802.11h

### Wi-Fi Agile Multiband™

Automatically populate BSS Transition candidate list

Cellular Data aware

### WMM®

### Wi-Fi CERTIFIED 6®

### WMM®-Power Save

Legacy Power Save

Unschedule auto PS

A-MPDU with A-MSDU

Basic Trigger frame in HE MU PPDU

BSRP Trigger frame

Compressed Block Ack Rx (buffer size 256)

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## Wi-Fi CERTIFIED 6® (continued)

Compressed Block Ack Tx (buffer size 256)  
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  
MU-RTS Trigger frame  
M-BSSID  
Operating mode subfield in A-Control field  
Operating mode indication  
Operating mode UL MU Rx  
SU beamformer  
SU-MIMO  
TXOP RTS Threshold  
UL OFDMA

## 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  
STBC  
SU beamformer

## Wi-Fi CERTIFIED™ b

## Wi-Fi CERTIFIED™ g

## Wi-Fi CERTIFIED™ n

A-MPDU Tx  
OBSS on Extension Channel  
Short Guard Interval  
STBC

## Wi-Fi Enhanced Open™ 2023-12

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