



# Wi-Fi CERTIFIED® Certificate

This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: [www.wi-fi.org](http://www.wi-fi.org)



**Certification ID: WFA110472**

## Product Info

|                              |                                                                       |
|------------------------------|-----------------------------------------------------------------------|
| <b>Date of Certification</b> | February 8, 2021                                                      |
| <b>Company</b>               | Grandstream Networks, Inc.                                            |
| <b>Product Name</b>          | Enterprise 802.11ac Wave-2 4x4 Wi-Fi Access Point                     |
| <b>Product Model Variant</b> | Enterprise 802.11ac Wave-2 4x4 Wi-Fi Access Point                     |
| <b>Model Number</b>          | GWN7630                                                               |
| <b>Category</b>              | Routers                                                               |
| <b>Sub-category</b>          | Enterprise/Service Provider Access Point, Switch/Controller or Router |

## Summary of Certifications

| CLASSIFICATION            | CERTIFICATION                                                                                                                                                               |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Network management</b> | WMM®                                                                                                                                                                        |
| <b>Security</b>           | Protected Management Frames<br>WPA2™-Enterprise 2018-04<br>WPA2™-Personal 2020-02<br>WPA3™-Enterprise 2020-02<br>WPA3™-Personal 2020-02                                     |
| <b>Wi-Fi (MAC/PHY)</b>    | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<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

linux version:3.10.14

### Wi-Fi Component Firmware

driver version: 4.4.2.1

### 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

### WMM®

### WPA2™-Enterprise 2018-04

EAP methods

### WPA2™-Personal 2020-02

### WPA3™-Enterprise 2020-02

EAP methods

### WPA3™-Enterprise 2020-02 (continued)

192-bit security

### WPA3™-Personal 2020-02

### 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

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## Wi-Fi CERTIFIED™ n (continued)

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

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