



# 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: WFA131220

### Product Info

<b>Date of Certification</b>	August 28, 2024
<b>Company</b>	Arcadyan Technology Corporation
<b>Product Name</b>	Swisscom Internet-Box 5
<b>Product Model Variant</b>	GRVA6BE349B-B-H1-LSW
<b>Model Number</b>	GRVA6BE349B-B-H1-LSW
<b>Category</b>	Routers
<b>Sub-category</b>	Cable, DSL or Other Broadband Gateway (Integrated Home Access Device)

### Summary of Certifications

CLASSIFICATION	CERTIFICATION
<b>Access</b>	Wi-Fi Protected Setup™
<b>Connectivity</b>	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED 6® Release 2 Wi-Fi CERTIFIED 7™ Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n
<b>Optimization</b>	WMM® Wi-Fi Agile Multiband™
<b>Security</b>	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2021-01 WPA3™-Enterprise 2022-12 WPA3™-Personal 2023-12
<b>Spectrum &amp; Regulatory Features</b>	Spectrum & Regulatory



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Role: Access Point

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux 4.19.294

### Wi-Fi Component Firmware

17.10.369.39012

### RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	3	3
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

802.11h

### WMM®

### WPA2™-Enterprise 2018-04

EAP methods

### WPA2™-Personal 2021-01

### WPA3™-Enterprise 2022-12

EAP methods

### WPA3™-Personal 2023-12

AKM 24  
Beacon Protection

### Wi-Fi Agile Multiband™

### Wi-Fi CERTIFIED 6® Release 2

4 antenna support  
A-MPDU with A-MSDU  
Basic Trigger frame in HE MU PPDU  
Beamforming sounding  
BSRP Trigger frame  
Compressed Block Ack Rx (buffer size 256)  
Compressed Block Ack Tx (buffer size 256)  
DL MU-MIMO  
DL OFDMA  
Individual Target Wake Time



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## Wi-Fi CERTIFIED 6® Release 2 (continued)

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  
 Operating mode indication  
 SU beamformer  
 SU-MIMO  
 TXOP RTS Threshold  
 UL OFDMA  
 Wi-Fi 6 Release 2 features  
 UL MU-MIMO  
 UL MU Control  
 UL Extended Range  
 Target Wake Time information frames  
 Broadcast Target Wake Time  
 Extended sleep  
 Dynamic MU SMPS  
 Preamble Puncturing

## Wi-Fi CERTIFIED 7™ (continued)

DL OFDMA  
 Dynamic MU SMPS  
 EMLSR (Enhanced Multilink Single-Radio)  
 EPCS (Emergency Preparedness Communications Services) priority access  
 LDPC Rx  
 LDPC Tx  
 Load Balancing in MLO  
 MCS 8-9 Rx  
 MCS 8-9 Tx  
 MCS 10-11 Rx  
 MCS 10-11 Tx  
 MCS 12-13 Rx  
 MCS 12-13 Tx  
 Multi-link reconfiguration – AP removal  
 Multi-link reconfiguration – AP restart  
 Multi-RU  
 MU-RTS Trigger frame  
 Operating mode indication  
 Static puncturing  
 STR (Simultaneous Transmit and Receive)  
 SU-MIMO  
 Triggered uplink access optimization  
 UL MU-MIMO  
 UL OFDMA

## Wi-Fi CERTIFIED 7™

Advertised TID-to-link mapping  
 A-MPDU with A-MSDU  
 Basic Trigger frame in EHT MU PPDU  
 Beamforming sounding  
 BSRP Trigger frame  
 BSS critical update  
 Compressed Block Ack Rx (buffer size 256)  
 Compressed Block Ack Tx (buffer size 256)  
 DL MU-MIMO

## Wi-Fi CERTIFIED™ a

## Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU  
 DL MU-MIMO  
 LDPC Rx  
 LDPC Tx  
 MCS 8-9 Rx



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## Wi-Fi CERTIFIED™ ac (continued)

Short Guard Interval  
STBC  
SU beamformer

## Wi-Fi CERTIFIED™ b

## Wi-Fi CERTIFIED™ g

## Wi-Fi CERTIFIED™ n

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

## Wi-Fi Protected Setup™

PIN  
Pushbutton