



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 ID: WFA138536

Product Info

Date of Certification	December 19, 2025
Company	Grandstream Networks, Inc.
Product Name	PtP/PtMP Fixed Wireless Bridge
Product Model Variant	GWN7302
Model Number	GWN7302
Category	Routers
Sub-category	Enterprise/Service Provider Access Point, Switch/Controller or Router

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Network management	WMM® Wi-Fi Agile Multiband™
Security	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2021-01 WPA3™-Enterprise 2022-12 WPA3™-Personal 2024-10
Wi-Fi (MAC/PHY)	5 GHz Spectrum Capabilities Spectrum & Regulatory Wi-Fi CERTIFIED 6® Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ n

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Role: Access Point

Page 2 of 3

Wi-Fi Components

Wi-Fi Component Operating System

Linux 5.4.164

Wi-Fi Component Firmware

0.4.11.4(init)

RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
5 GHz	2	2

Certifications

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

WPA3™-Personal 2024-10

Wi-Fi Agile Multiband™

Automatically populate BSS Transition candidate list
 Cellular Data aware

Protected Management Frames

Spectrum & Regulatory

802.11d
 802.11h

WMM®

WPA2™-Enterprise 2018-04

EAP methods

WPA2™-Personal 2021-01

WPA3™-Enterprise 2022-12

EAP methods
 192-bit security

Wi-Fi CERTIFIED 6®

A-MPDU with A-MSDU
 Basic Trigger frame in HE MU PPDU
 BSRP Trigger frame
 Compressed Block Ack Rx (buffer size 256)
 Compressed Block Ack Tx (buffer size 256)
 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

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Page 3 of 3

Wi-Fi CERTIFIED 6® (continued)

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
LDPC Rx
LDPC Tx
MCS 8-9 Rx
Short Guard Interval
STBC
SU beamformer

Wi-Fi CERTIFIED™ n

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

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