



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



Certification ID: WFA111224

Product Info

Date of Certification	December 29, 2022
Company	Zyxel Communications Corporation
Product Name	AC1200 WiFi5 GPON VoIP Gateway ONT
Product Model Variant	PMG5617-T20B2
Model Number	PMG5617-T20B
Category	Routers
Sub-category	Cable, DSL or Other Broadband Gateway (Integrated Home Access Device)

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Wi-Fi Protected Setup™
Connectivity	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n
Optimization	WMM® Wi-Fi EasyMesh™
Security	Protected Management Frames WPA2™-Personal 2021-01 WPA3™-Personal 2020-02 WPA™-Personal



Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA111224



Role: Access Point

Page 2 of 4

Wi-Fi Components

Wi-Fi Component Operating System

Linux 3.18.21

Wi-Fi Component Firmware

2.4G: 4.1.2.1 / 5G: 6.0.2.0

RF Architecture

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

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™-Personal 2021-01

WPA3™-Personal 2020-02

WPA™-Personal

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

Wi-Fi CERTIFIED™ ac (continued)

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

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

Wi-Fi Protected Setup™



Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA111224



Role: Access Point

Page 3 of 4

Wi-Fi Protected Setup™ (continued)

PIN

Pushbutton



Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA111224



Role: Controller

Page 4 of 4

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Certifications

Wi-Fi EasyMesh™