



This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: www.wi-fi.org

## **Certification ID: WFA121711**

#### **Product Info**

**Date of Certification** January 10, 2024

**Company** Huawei Technologies Co., Ltd.

Product Name GPON Terminal

Product Model Variant T623L Pro V2

Model Number T623L Pro

**Category** Routers

Sub-category Cable, DSL or Other Broadband Gateway (Integrated Home Access

Device)

### **Summary of Certifications**

CLASSIFICATION CERTIFICATION

Access Wi-Fi Protected Setup™

Alternative topologies Wi-Fi EasyMesh™

Network management WMM®

WMM®-Power Save Wi-Fi Agile Multiband™

Security Protected Management Frames

WPA2<sup>™</sup>-Enterprise 2018-04 WPA2<sup>™</sup>-Personal 2021-01 WPA3<sup>™</sup>-Enterprise 2020-02 WPA3<sup>™</sup>-Personal 2022-06

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



**Certification ID: WFA121711** 



Role: Access Point Page 2 of 4

Wi-Fi Components

Wi-Fi Component Operating System

Linux

Wi-Fi Component Firmware

V5

**RF Architecture** 

Bands Supported Transmit (Tx) Receive (Rx)

5 GHz 4 4

**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™-Enterprise 2020-02 (continued)

EAP methods

WPA3™-Personal 2022-06

Wi-Fi Agile Multiband™

Protected Management Frames

**Spectrum & Regulatory** 

802.11d

802.11h

**WMM®** 

**WMM®-Power Save** 

WPA2™-Enterprise 2018-04

EAP methods

WPA2™-Personal 2021-01

WPA3™-Enterprise 2020-02

Wi-Fi CERTIFIED 6®

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

LDPC Rx

LDPC Tx

MCS 8-9 Rx

MCS 8-9 Tx

MU EDCA Parameter Set element

MU-BAR Trigger frame

MU-RTS Trigger frame

M-BSSID



**Certification ID: WFA121711** 



Role: Access Point Page 3 of 4

#### Wi-Fi CERTIFIED 6® (continued)

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

RTS with BW Signaling

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™ n

A-MPDU Tx

**OBSS** on Extension Channel

**Short Guard Interval** 

STBC

#### Wi-Fi Protected Setup™

PIN

Pushbutton



**Certification ID: WFA121711** 



Role: Controller	Page 4 of 4
Wi-Fi Components	
Wi-Fi Component Operating System	
Linux	
Certifications	
Wi-Fi EasyMesh™	