

## 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: WFA111363**

## **Product Info**

Date of Certification January 10, 2024

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

Product Name Wireless LAN Access Point

Product Model Variant AirEngine6761-21T ver.23.1

Model Number AirEngine6761-21T

**Category** Routers

Sub-category Enterprise/Service Provider Access Point, Switch/Controller or Router

## **Summary of Certifications**

CLASSIFICATION CERTIFICATION

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 2020-02

Wi-Fi (MAC/PHY) 2.4 GHz Spectrum Capabilities

5 GHz Spectrum Capabilities

Spectrum & Regulatory
Wi-Fi CERTIFIED 6®
Wi-Fi CERTIFIED™ a
Wi-Fi CERTIFIED™ b
Wi-Fi CERTIFIED™ g
Wi-Fi CERTIFIED™ n



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Role: Access Point Page 2 of 3

#### Wi-Fi Components

Wi-Fi Component Operating System

Linux

Wi-Fi Component Firmware

Ver.A

### **RF Architecture**

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

802.11d 802.11h

## **WMM®**

**WMM®-Power Save** 

WPA2™-Enterprise 2018-04

## WPA2™-Enterprise 2018-04 (continued)

EAP methods

## WPA2™-Personal 2021-01

## WPA3™-Enterprise 2020-02

EAP methods 192-bit security

#### WPA3™-Personal 2020-02

### Wi-Fi Agile Multiband™

Automatically populate BSS Transition candidate list Cellular Data aware

#### Wi-Fi CERTIFIED 6®

4 antenna support

A-MPDU with A-MSDU

Basic Trigger frame in HE MU PPDU

Beamforming sounding



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Role: Access Point Page 3 of 3

## Wi-Fi CERTIFIED 6® (continued)

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

MCS 10-11 Rx

MCS 10-11 Tx

MU EDCA Parameter Set element

MU-BAR Trigger frame

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™ b

## Wi-Fi CERTIFIED™ g

#### Wi-Fi CERTIFIED™ n

A-MPDU Tx

**OBSS** on Extension Channel

**Short Guard Interval** 

STBC