



# 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: WFA109466**

## Product Info

|                              |                         |
|------------------------------|-------------------------|
| <b>Date of Certification</b> | December 9, 2020        |
| <b>Company</b>               | Huawei Device Co., Ltd. |
| <b>Product Name</b>          | Notebook Computer       |
| <b>Product Model Variant</b> | 2020-12-09              |
| <b>Model Number</b>          | BDZ-WFH9A               |
| <b>Category</b>              | Computers & Accessories |
| <b>Sub-category</b>          | Laptop Computer         |

## Summary of Certifications

| CLASSIFICATION                | CERTIFICATION  |
|-------------------------------|--|
| <b>Access</b>                 | Wi-Fi Protected Setup™   |
| <b>Alternative topologies</b> | Wi-Fi Direct®  |
| <b>Network management</b>     | WMM®<br>WMM®-Power Save<br>Wi-Fi Agile Multiband™  |
| <b>Security</b>               | Protected Management Frames<br>WPA2™-Enterprise 2018-04<br>WPA2™-Personal 2018-04<br>WPA3™-Personal 2020-02<br>Wi-Fi Enhanced Open™ 2018-04  |
| <b>Wi-Fi (MAC/PHY)</b>        | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<br>Spectrum & Regulatory<br>Wi-Fi CERTIFIED 6®<br>Wi-Fi CERTIFIED™ a<br>Wi-Fi CERTIFIED™ ac<br>Wi-Fi CERTIFIED™ b<br>Wi-Fi CERTIFIED™ g<br>Wi-Fi CERTIFIED™ n |

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Role: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

Windows 10, version:2004

### Wi-Fi Component Firmware

22.0

### 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

160 MHz Channel Width in 5 GHz

### Protected Management Frames

### Spectrum & Regulatory

802.11h

### WMM®

### WMM®-Power Save

Legacy Power Save

Unschedule auto PS

### WPA2™-Enterprise 2018-04

EAP methods

EAP TLS

EAP TTLS

PEAPv0

### WPA2™-Personal 2018-04

### WPA3™-Personal 2020-02

### Wi-Fi Agile Multiband™

Beacon Report Measurement Active Mode

Beacon Report Measurement Passive Mode

### Wi-Fi CERTIFIED 6®

A-MPDU with A-MSDU

BSRP Trigger frame

Compressed Block Ack Rx (buffer size 256)

DL MU-MIMO

HE NDP

Individual Target Wake Time

LDPC Rx

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## Wi-Fi CERTIFIED 6® (continued)

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 control field  
Operating mode subfield in A-Control field  
Operating mode indication  
SU beamformee  
UL OFDMA

## Wi-Fi CERTIFIED™ n (continued)

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

## Wi-Fi Direct®

## Wi-Fi Enhanced Open™ 2018-04

## Wi-Fi Protected Setup™

PIN  
Pushbutton

## Wi-Fi CERTIFIED™ a

## Wi-Fi CERTIFIED™ ac

Extended 5 GHz Channel Support  
A-MPDU with A-MSDU  
DL MU-MIMO  
LDPC Rx  
MCS 8-9 Rx  
Short Guard Interval  
STBC  
LDPC Tx  
SU beamformee

## Wi-Fi CERTIFIED™ b

## Wi-Fi CERTIFIED™ g

## Wi-Fi CERTIFIED™ n

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