

# 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: WFA109465**

# **Product Info**

**Date of Certification** December 9, 2020

**Company** Huawei Device Co., Ltd.

Product Name Notebook Computer

**Product Model Variant** 2020-12-09

Model Number BoD-WDI9

Category Computers & Accessories

**Sub-category** Laptop Computer

# **Summary of Certifications**

CLASSIFICATION CERTIFICATION

Access Wi-Fi Protected Setup™

Alternative topologies Wi-Fi Direct®

Network management WMM®

WMM®-Power Save Wi-Fi Agile Multiband™

Security Protected Management Frames

WPA2<sup>™</sup>-Enterprise 2018-04 WPA2<sup>™</sup>-Personal 2018-04 WPA3<sup>™</sup>-Personal 2020-02

Wi-Fi Enhanced Open™ 2018-04

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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# **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 GHz160 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