# 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: WFA109264

## Product Info

| | |
|---|---|
| **Date of Certification** | June 11, 2021 |
| **Company** | Oppo |
| **Product Name** | Wireless Data Terminal |
| **Product Model Variant** | 20500 2 |
| **Model Number** | CKB01 |
| **Category** | Other |
| **Sub-category** | Other |

## Summary of Certifications

| CLASSIFICATION | CERTIFICATION |
|---|---|
| **Access** | Wi-Fi Protected Setup™ |
| **Connectivity** | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<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 |
| **Optimization** | WMM®<br>Wi-Fi Agile Multiband™<br>Wi-Fi EasyMesh™ |
| **Security** | Protected Management Frames<br>WPA2™-Personal 2021-01<br>WPA3™-Personal 2020-02<br>WPA™-Personal |
| **Spectrum & Regulatory Features** | Spectrum & Regulatory |

# Wi-Fi CERTIFIED™ Certificate

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## Wi-Fi Components

### Wi-Fi Component Operating System
linux

### Wi-Fi Component Firmware
IPQ8074.ILQ.11.2-00146-P-1

### RF Architecture

| Bands Supported | Transmit (Tx) | Receive (Rx) |
|---|---|---|
| 2.4 GHz | 4 | 4 |
| 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®

### WPA2™-Personal 2021-01

### WPA3™-Personal 2020-02

### WPA™-Personal

### Wi-Fi Agile Multiband™

Automatically populate BSS Transition candidate list

### Wi-Fi CERTIFIED 6®

4 antenna support
A-MPDU with A-MSDU
Basic Trigger frame in HE MU PPDU
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
MU-RTS Trigger frame

## Wi-Fi CERTIFIED 6® (continued)

M-BSSID

Operating Mode indication

SU beamformer

TXOP RTS Threshold

UL OFDMA

## Wi-Fi CERTIFIED™ a

## Wi-Fi CERTIFIED™ ac

RTS with BW Signaling

Extended 5 GHz Channel Support

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

OBSS on Extension Channel

Short Guard Interval

STBC

A-MPDU Tx

## Wi-Fi Protected Setup™

## Wi-Fi Protected Setup™ (continued)

PIN

Pushbutton

# Wi-Fi CERTIFIED™ Certificate

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### Wi-Fi Components

**Wi-Fi Component Operating System**

linux

### Certifications

**Wi-Fi EasyMesh™**