



# Wi-Fi CERTIFIED® Certificate

This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: [www.wi-fi.org](http://www.wi-fi.org)



**Certification ID: WFA109264**

## Product Info

|                              |                        |
|------------------------------|------------------------|
| <b>Date of Certification</b> | June 11, 2021          |
| <b>Company</b>               | OPPO                   |
| <b>Product Name</b>          | Wireless Data Terminal |
| <b>Product Model Variant</b> | 20500 2                |
| <b>Model Number</b>          | CKB01                  |
| <b>Category</b>              | Other                  |
| <b>Sub-category</b>          | Other                  |

## Summary of Certifications

| CLASSIFICATION                | CERTIFICATION                                                                                                                                                                                                              |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Access</b>                 | Wi-Fi Protected Setup™                                                                                                                                                                                                     |
| <b>Alternative topologies</b> | Wi-Fi EasyMesh™                                                                                                                                                                                                            |
| <b>Network management</b>     | WMM®<br>Wi-Fi Agile Multiband™                                                                                                                                                                                             |
| <b>Security</b>               | Protected Management Frames<br>WPA2™-Personal 2021-01<br>WPA3™-Personal 2020-02                                                                                                                                            |
| <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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# Wi-Fi CERTIFIED® Certificate

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Role: Access Point

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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

### Wi-Fi Agile Multiband™

Automatically populate BSS Transition candidate list

### 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

### 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  
M-BSSID  
Operating mode subfield in A-Control field

### Protected Management Frames

### Spectrum & Regulatory

802.11d  
802.11h

### WMM®

### WPA2™-Personal 2021-01

### WPA3™-Personal 2020-02

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Role: Access Point

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## Wi-Fi CERTIFIED 6® (continued)

Operating mode indication  
Operating mode UL MU Rx  
SU beamformer  
SU-MIMO  
TXOP RTS Threshold  
UL OFDMA

## Wi-Fi Protected Setup™ (continued)

PIN  
Pushbutton

## 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™

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# Wi-Fi CERTIFIED® Certificate

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Role: Controller

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## Wi-Fi Components

Wi-Fi Component Operating System

linux

## Certifications

Wi-Fi EasyMesh™

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