

# 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: WFA112295**

### **Product Info**

**Date of Certification** July 17, 2023

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

Product Name HUAWEI MatePad Pro

Product Model Variant MRR-W29 update WPA2 enterprise 20230717

Model Number MRR-W29

Category Tablets, Ereaders & Cameras

**Sub-category** Tablet (Wi-Fi and other)

### **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 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

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** 

HarmonyOS

Wi-Fi Component Firmware

WLAN.HST.1.0.1.R1

### **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

### 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

### **Protected Management Frames**

**WMM®** 

#### WMM®-Power Save

Legacy Power Save Unschedule auto PS

### WPA2™-Enterprise 2018-04

EAP methods

EAP TLS

**EAP TTLS** 

#### WPA2<sup>™</sup>-Enterprise 2018-04 (continued)

PEAPv0 PEAPv1

### WPA2™-Personal 2021-01

### WPA3™-Enterprise 2020-02

EAP methods

**EAP TLS** 

**EAP TTLS** 

PEAPv0

PEAPv1

Server Certificate Validation

### WPA3™-Personal 2020-02

### Wi-Fi Agile Multiband™

ANQP

ANQP-based Neighbor report

Cellular Data capable

Fast Transition OTA on WPA2-Personal

Fast Transition OTA on WPA2-Enterprise



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#### Wi-Fi CERTIFIED 6®

A-MPDU with A-MSDU

Beamforming sounding

BSRP Trigger frame

Compressed Block Ack Rx (buffer size 256)

Compressed Block Ack Tx (buffer size 256)

DL MU-MIMO

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 control field

Operating mode subfield in A-Control field

Operating mode indication

SU beamformee

SU-MIMO

**UL OFDMA** 

### Wi-Fi CERTIFIED™ ac (continued)

STBC

LDPC Tx

SU beamformee

#### Wi-Fi CERTIFIED™ b

#### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

A-MPDU Tx

**OBSS on Extension Channel** 

**Power Management** 

Short Guard Interval

STBC

#### Wi-Fi Direct®

### Wi-Fi Protected Setup™

Pushbutton

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

Extended 5 GHz Channel Support

RTS with BW Signaling

A-MPDU with A-MSDU

DL MU-MIMO

LDPC Rx

MCS 8-9 Rx

Short Guard Interval