

# 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: WFA133995**

## **Product Info**

**Date of Certification** May 8, 2025

Company CipherLab Co., Ltd.

Product Name Mobile Computer

Product Model Variant RS38WO

Model Number RS38

**Category** Phones

**Sub-category** Smartphone

# **Summary of Certifications**

CLASSIFICATION CERTIFICATION

Network management WMM®

Wi-Fi Agile Multiband™

**Security** Protected Management Frames

WPA2<sup>™</sup>-Enterprise 2018-04 WPA2<sup>™</sup>-Personal 2021-01 WPA3<sup>™</sup>-Enterprise 2022-12 WPA3<sup>™</sup>-Personal 2024-10 Wi-Fi Enhanced Open<sup>™</sup> 2023-12

Wi-Fi (MAC/PHY) 2.4 GHz Spectrum Capabilities

5 GHz Spectrum Capabilities6 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

Android 13

Wi-Fi Component Firmware

1.1.5.0

### **RF Architecture**

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	2	2
5 GHz	2	2
6 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

160 MHz Channel Width in 5 GHz

### WPA2™-Enterprise 2018-04 (continued)

EAP methods

EAP AKA

EAP AKA Prime

EAP SIM

EAP TLS

EAP TTLS

PEAPv0

PEAPv1

### 6 GHz Spectrum Capabilities

20 MHz Channel Width in 6 GHz

40 MHz Channel Width in 6 GHz

80 MHz Channel Width in 6 GHz

160 MHz Channel Width in 6 GHz

# WPA3™-Enterprise 2022-12

WPA2™-Personal 2021-01

EAP methods

EAP AKA

EAP AKA Prime

**EAP SIM** 

EAP TLS

**EAP TTLS** 

PEAPv0

PEAPv1

192-bit security

### **Protected Management Frames**

**WMM®** 

WPA2™-Enterprise 2018-04



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### WPA3™-Enterprise 2022-12 (continued)

192-bit security RSA 3K with the TLS\_ECDHE\_RSA\_WITH\_AES\_256\_GCM\_SHA384 cipher suite

Server Certificate Validation

#### WPA3™-Personal 2024-10

SAE-Public Key

### Wi-Fi Agile Multiband™

#### Wi-Fi CERTIFIED 6®

Beamforming sounding

**BSRP** Trigger frame

Compressed Block Ack Rx (buffer size 256)

Compressed Block Ack Tx (buffer size 256)

DL MU-MIMO

HE NDP

LDPC Tx

LDPC Rx

MCS 10-11 Rx

MCS 10-11 Tx

MCS 8-9 Rx

MCS 8-9 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 6E

### Wi-Fi CERTIFIED 6® (continued)

Multiple M-BSSID

### Wi-Fi CERTIFIED™ a

#### Wi-Fi CERTIFIED™ ac

DL MU-MIMO

LDPC Rx

MCS 8-9 Rx

STBC

LDPC Tx

SU beamformee

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

A-MPDU Tx

OBSS on Extension Channel

STBC

# Wi-Fi Enhanced Open™ 2023-12