



# 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: WFA131091

### Product Info

<b>Date of Certification</b>	July 10, 2024
<b>Company</b>	MediaTek Inc.
<b>Product Name</b>	Mediatek Filogic 320 - MT7920
<b>Product Model Variant</b>	Wi-Fi 6
<b>Model Number</b>	Mediatek Filogic 320 - MT7920
<b>Category</b>	Computers & Accessories
<b>Sub-category</b>	Laptop Computer

### Summary of Certifications

CLASSIFICATION	CERTIFICATION
<b>Access</b>	Wi-Fi Protected Setup™
<b>Alternative topologies</b>	Wi-Fi Direct®
<b>Network management</b>	WMM® WMM®-Power Save Wi-Fi Agile Multiband™
<b>Security</b>	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2021-01 WPA3™-Enterprise 2022-12 WPA3™-Personal 2023-12 Wi-Fi Enhanced Open™ 2023-12
<b>Wi-Fi (MAC/PHY)</b>	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Spectrum & Regulatory Wi-Fi CERTIFIED 6® Release 2 Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g

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## Summary of Certifications (continued)

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### CLASSIFICATION

### CERTIFICATION

Wi-Fi (MAC/PHY)

Wi-Fi CERTIFIED™ n

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Role: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

Windows

### Wi-Fi Component Firmware

Windows11

### 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 GHz

### Protected Management Frames

### Spectrum & Regulatory

802.11d  
802.11h

### WMM®

### WMM®-Power Save

Unschedule auto PS

### WPA2™-Enterprise 2018-04

EAP methods  
EAP TLS  
EAP TTLS  
PEAPv0

### WPA2™-Personal 2021-01

### WPA3™-Enterprise 2022-12

EAP methods  
EAP TLS  
EAP TTLS  
PEAPv0  
192-bit security  
192-bit security RSA 3K with the  
TLS\_ECDHE\_RSA\_WITH\_AES\_256\_GCM\_SHA384  
cipher suite  
Fast Transition OTA on WPA3-Enterprise  
Server Certificate Validation

### WPA3™-Personal 2023-12

### Wi-Fi Agile Multiband™

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## Wi-Fi Agile Multiband™ (continued)

Fast Transition OTA on WPA2-Enterprise

## Wi-Fi CERTIFIED 6® Release 2

A-MPDU with A-MSDU  
 BSRP Trigger frame  
 Compressed Block Ack Rx (buffer size 256)  
 Compressed Block Ack Tx (buffer size 256)  
 DL MU-MIMO  
 LDPC Tx  
 LDPC Rx  
 Individual Target Wake Time  
 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 subfield in A-Control field  
 SU beamformee  
 SU-MIMO  
 UL OFDMA  
 Wi-Fi 6 Release 2 features  
 UL MU-MIMO  
 UL Extended Range  
 Target Wake Time information frames  
 Extended sleep time  
 Dynamic MU SMPS  
 Preamble Puncturing

## Wi-Fi CERTIFIED™ a

## Wi-Fi CERTIFIED™ ac

## Wi-Fi CERTIFIED™ ac (continued)

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  
 STBC  
 LDPC Tx  
 SU beamformee

## Wi-Fi CERTIFIED™ b

## Wi-Fi CERTIFIED™ g

## Wi-Fi CERTIFIED™ n

A-MPDU Tx  
 HT Duplicate Mode  
 OBSS on Extension Channel  
 Short Guard Interval  
 STBC

## Wi-Fi Direct®

Wi-Fi Direct with WPA2

## Wi-Fi Enhanced Open™ 2023-12

## Wi-Fi Protected Setup™

PIN  
 Pushbutton

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