



This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: www.wi-fi.org/certification/programs

Certification ID: WFA118602

Product Info

Date of Certification March 7, 2022

Company Huawei Device Co., Ltd.

Product Name NoteBook

Product Model Variant HKF-X

Model Number HKF-X

Category Computers & Accessories

Sub-category Laptop Computer

Summary of Certifications

CLASSIFICATION CERTIFICATION

Access Wi-Fi Protected Setup™

Connectivity 2.4 GHz Spectrum Capabilities

5 GHz Spectrum Capabilities6 GHz Spectrum Capabilities

Wi-Fi CERTIFIED 6®
Wi-Fi CERTIFIED™ a
Wi-Fi CERTIFIED™ ac
Wi-Fi CERTIFIED™ b
Wi-Fi CERTIFIED™ g
Wi-Fi CERTIFIED™ n

Wi-Fi Direct®

Wi-Fi Enhanced Open™ 2021-01

Optimization WMM®

WMM®-Power Save Wi-Fi Agile Multiband™

Security Protected Management Frames

WPA2[™]-Enterprise 2018-04 WPA2[™]-Personal 2021-01 WPA3[™]-Enterprise 2020-02 WPA3[™]-Personal 2020-12



Certification ID: WFA118602



Summary of Certifications (continued)

Page 2 of 5

CLASSIFICATION

CERTIFICATION

Spectrum & Regulatory

Spectrum & Regulatory

Features



Certification ID: WFA118602



Role: Station		Page 3 of 5	
Wi-Fi Components			
Wi-Fi Component Operating System	RF Architecture		
Windows 11	Bands Supported Trans	mit (Tx) Receive (Rx)	
Wi-Fi Component Firmware 22.70	2.4 GHz 2	2	
22.70	5 GHz 2	2	
	6 GHz 2	2	
Certifications			
2.4 GHz Spectrum Capabilities	Spectrum & Regulatory (Spectrum & Regulatory (continued)	
20 MHz Channel Width in 2.4 GHz 40 MHz Channel Width in 2.4 GHz	802.11h		
5 GHz Spectrum Capabilities	WMM®		
3 GHZ Spectrum Capabilities	WMM®-Power Save		
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	Legacy Power Save Unschedule auto PS		
	WPA2™-Enterprise 2018-	-04	
6 GHz Spectrum Capabilities	FAP methods		
20 MHz Channel Width in 6 GHz	EAP TLS		
40 MHz Channel Width in 6 GHz	EAP TTLS		
80 MHz Channel Width in 6 GHz 160 MHz Channel Width in 6 GHz	PEAPv0		
	WPA2™-Personal 2021-0	1	
Protected Management Frames	WPA3™-Enterprise 2020-	-02	
Spectrum & Regulatory	EAP methods		



Certification ID: WFA118602



Role: Station Page 4 of 5

WPA3™-Enterprise 2020-02 (continued)

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

Fast Transition OTA on WPA3-Enterprise transition mode

Server Certificate Validation

WPA3™-Personal 2020-12

Beacon Protection

Wi-Fi Agile Multiband™

Beacon Report Measurement Active Mode

Beacon Report Measurement Passive Mode

Fast Transition OTA on WPA2-Enterprise

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

HE NDP

Individual Target Wake Time

LDPC Rx

LDPC Tx

MCS 8-9 Rx

MCS 8-9 Tx

Wi-Fi CERTIFIED 6® (continued)

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 6E

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

Extended 5 GHz Channel Support

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



Certification ID: WFA118602



Role: Station

Wi-Fi CERTIFIED™ n (continued)

STBC

A-MPDU Tx
OBSS on Extension Channel
Power Management
Short Guard Interval

Wi-Fi Direct®

Wi-Fi Enhanced Open™ 2021-01

Wi-Fi Protected Setup™

PIN
Pushbutton