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: WFA127411

Product Info

Date of Certification	May 14, 2025
Company	Intel
Product Name	Intel® Wi-Fi 7 BE200
Product Model Variant	Wi-Fi Direct with WPA3
Model Number	BE200
Category	Other
Sub-category	Chipset

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Alternative topologies	Wi-Fi Direct®
Applications	Proximity Detection
Network management	WMM® WMM®-Power Save Wi-Fi Agile Multiband™ Wi-Fi QoS Management™
Security	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
Wi-Fi (MAC/PHY)	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities 6 GHz Spectrum Capabilities Spectrum & Regulatory Wi-Fi CERTIFIED 6® Release 2 Wi-Fi CERTIFIED 7™ Wi-Fi CERTIFIED™ a

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Summary of Certifications (continued)

CLASSIFICATION	CERTIFICATION
Wi-Fi (MAC/PHY)	Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n

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Wi-Fi Components

Wi-Fi Component Operating System

Windows 11

Wi-Fi Component Firmware

95.91de6778.0

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
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
160 MHz Channel Width in 5 GHz

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
320 MHz channel width in 6 GHz

Protected Management Frames

Proximity Detection

Proximity Detection (continued)

Proximity Detection role
- Initiating STA for Proximity Detection
- Responding STA for Proximity Detection

Spectrum & Regulatory

802.11d
802.11h

WMM®

WMM®-Power Save

Legacy Power Save
Unschedule auto PS

WPA2™-Enterprise 2018-04

EAP methods
- EAP TLS
- EAP TTLS

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WPA2™-Enterprise 2018-04 (continued)

- 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
- Fast Transition OTA on WPA3-Enterprise transition mode
- Server Certificate Validation

WPA3™-Personal 2023-12

- 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® Release 2

- A-MPDU with A-MSDU
- Beamforming with sounding dimension 5-8
- BSRP Trigger frame
- Compressed Block Ack Rx (buffer size 256)

Wi-Fi CERTIFIED 6® Release 2 (continued)

- Compressed Block Ack Tx (buffer size 256)
- DL MU-MIMO
- HE NDP
- 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 control field
- Operating mode subfield in A-Control field
- Operating mode indication
- SU beamformee
- SU-MIMO
- UL OFDMA
- Wi-Fi 6E
  - Multiple M-BSSID
- Wi-Fi 6 Release 2 features
  - UL MU-MIMO
  - UL MU Control
  - Target Wake Time information frames
  - Broadcast Target Wake Time
  - Dynamic MU SMPS
  - M-BSSID control frames
  - Preamble Puncturing

Wi-Fi CERTIFIED 7™

- Advertised TID-to-link mapping
- A-MPDU with A-MSDU

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Role: Station

Wi-Fi CERTIFIED 7™ (continued)

BSS critical update
Compressed Block Ack Rx (buffer size 256)
Compressed Block Ack Tx (buffer size 256)
Compressed Block Ack Rx (buffer size 512)
Compressed Block Ack Tx (buffer size 512)
DL MU-MIMO
Dynamic MU SMPS
EMLSR (Enhanced Multilink Single-Radio)
EPCS (Emergency Preparedness Communications Services) priority access
LDPC Rx
LDPC Tx
Load Balancing in MLO
MCS 8-9 Rx
MCS 8-9 Tx
MCS 10-11 Rx
MCS 10-11 Tx
MCS 12-13 Rx
MCS 12-13 Tx
Multi-link reconfiguration – AP removal
Multi-link reconfiguration – AP restart
Multi-RU
Operating mode indication
    Operating mode indication for 320 MHz
Static puncturing
SU-MIMO
Triggered uplink access optimization
UL MU-MIMO
UL OFDMA

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

Extended 5 GHz Channel Support

Wi-Fi CERTIFIED™ ac (continued)

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
OBSS on Extension Channel
Power Management
Short Guard Interval
STBC

Wi-Fi Direct®

Wi-Fi Direct with WPA3
    Unsynchronized Service Discovery

Wi-Fi Enhanced Open™ 2023-12

Wi-Fi QoS Management™

Default DSCP to UP mapping
DSCP QoS Map
Mirrored Stream Classification Service

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