



Wi-Fi CERTIFIED™ Interoperability 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: WFA101064

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Date of Last Certification	August 06, 2020
Company	Intel
Product	Intel® Wi-Fi 6E AX210 (Gig+)
Model Number	AX210
Product Identifier(s)	
Category	Computers & Accessories
Subcategory	Internal Adapter
Hardware Version	Product: AX210, Wi-Fi Component: AX210
Firmware Version	Product: Core_55, Wi-Fi Component: Core_55
Operating System	Linux
Frequency Band(s)	2.4 GHz, 5 GHz

Summary of Certifications

CLASSIFICATION	PROGRAM
Connectivity	Wi-Fi CERTIFIED 6™
	Wi-Fi CERTIFIED™ a, b, g, n, ac
	WPA™ – Enterprise, Personal
	WPA2™ – Enterprise, Personal
	WPA3™ – Enterprise, Personal
	Wi-Fi Enhanced Open™
Optimization	Wi-Fi Agile Multiband™
	WMM®
	WMM®-Power Save



Security

WPA™ – Enterprise, Personal
WPA2™ – Enterprise, Personal
WPA3™ – Enterprise, Personal (Aug 2019)
EAP Type(s)
EAP-TLS
EAP-TLS with RSA-3K-DHE
EAP-TLS with RSA-3K-ECDHE
EAP-TTLS/MSCHAPv2
PEAPv0/EAP-MSCHAPv2
PEAPv1/EAP-GTC
192-bit Security
Protected Management Frames

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

2.4 GHz, 5 GHz
2 Spatial Streams 2.4 GHz
2 Spatial Streams 5 GHz
Short Guard Interval
TX A-MPDU
STBC Receive
40 MHz operation in 2.4 GHz, with coexistence mechanisms
40 MHz operation in 5 GHz

Wi-Fi CERTIFIED™ ac

2 Spatial Streams 5 GHz
Rx MCS 8-9 (256-QAM)
Rx STBC 2x1
Rx A-MPDU of A-MSDU
Low Density Parity Check coding
Tx SU beamformee
Rx DL MU-MIMO
Rx 160 MHz operations
Extended 5 GHz Channel Support

Wi-Fi CERTIFIED 6™

2 Spatial Streams 2.4 GHz Rx
2 Spatial Streams 5 GHz Rx
Maximum Supported Channel Width (20, 40, 80, 160 MHz)
DL MU-MIMO
8 Spatial Stream sounding
DL SU Beamforming
UL OFDMA
DL OFDMA

Wi-Fi CERTIFIED 6™ (continued)

Target Wake Time (TWT)
MCS 8-9 Rx
MCS 10-11 Rx
MU-BAR trigger frame
MU-RTS /CTS trigger frame
DL MU-PPDU with basic trigger frame
Buffer Status Report (BSRP) trigger frame
256 Block Acknowledge (BA) Rx
256 Block Acknowledge (BA) Tx
MU EDCA Parameter set
Multiple-BSSID Set
Low Density Parity Check (LDPC) coding
Operating Mode Rx

Wi-Fi Enhanced Open™

Wi-Fi Agile Multiband™

Steer to Cellular Data
ANQP-based Neighbor Report
Fast Transition: WPA2-Enterprise and WPA2-Personal

WMM®

WMM®-Power Save

Spectrum and Regulatory Features

802.11h