



## 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](http://www.wi-fi.org/certification/programs)



**Certification ID: WFA91154**

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<b>Date of Last Certification</b>	December 14, 2019
<b>Company</b>	Linksys, LLC
<b>Product</b>	Linksys Tri-band 11ax Router
<b>Model Number</b>	MX5300
<b>Product Identifier(s)</b>	
<b>Category</b>	Routers
<b>Subcategory</b>	Access Point for Home or Small Office (Wireless Router)
<b>Hardware Version</b>	Product: 48SAQA01.SGB, Wi-Fi Component: 48SAQA01.SGB.
<b>Firmware Version</b>	Product: 1.1.5.197803, Wi-Fi Component: 0.3.14
<b>Operating System</b>	Linux, version: 4.4.60
<b>Frequency Band(s)</b>	2.4 GHz, 5 GHz - Concurrent

### Summary of Certifications

<b>CLASSIFICATION</b>	<b>PROGRAM</b>
Connectivity	Wi-Fi CERTIFIED 6™
	Wi-Fi CERTIFIED™ a, b, g, n, ac
	WPA2™ - Personal
	WPA3™ - Personal
	Wi-Fi Enhanced Open™
Optimization	Wi-Fi Agile Multiband™
	WMM®
Access	Wi-Fi Protected Setup™



**Security**

WPA2™ - Personal  
WPA3™ - Personal (Aug 2019)  
Protected Management Frames

**Wi-Fi CERTIFIED™ a**

**Wi-Fi CERTIFIED™ b**

**Wi-Fi CERTIFIED™ g**

**Wi-Fi CERTIFIED™ n**

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

**Wi-Fi CERTIFIED™ ac**

4 Spatial Streams 5 GHz  
Rx MCS 8-9 (256-QAM)  
Tx STBC 2x1  
Rx A-MPDU of A-MSDU  
Tx SU beamformer  
Low Density Parity Check coding  
Tx DL MU-MIMO

**Wi-Fi CERTIFIED 6™**

4 Spatial Streams 2.4 GHz Rx  
4 Spatial Streams 5 GHz Rx  
Maximum Supported Channel Width (20, 40, 80 MHz)  
DL MU-MIMO  
DL SU Beamforming  
DL OFDMA  
UL OFDMA  
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  
Low Density Parity Check (LDPC) coding  
Operating Mode Rx

**Wi-Fi Enhanced Open™**

ECC Group 20

**Wi-Fi Agile Multiband™**

**WMM®**

**Wi-Fi Protected Setup™**

2.4 GHz, 5 GHz - Concurrent  
PIN  
Push-Button (PBC)