



## 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: WFA99892**

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<b>Date of Last Certification</b>	July 28, 2020
<b>Company</b>	Mercury Corporation
<b>Product</b>	GiGA WiFi home ax
<b>Model Number</b>	KM12-007H
<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: MTK7621-11AX-R1, Wi-Fi Component: MT7915D
<b>Firmware Version</b>	Product: 1.1.7, Wi-Fi Component: 7.1.0.2
<b>Operating System</b>	Linux, version: 4.4.198
<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
	WPA™ - Personal
	WPA2™ - Personal
	WPA3™ - Personal
Optimization	Wi-Fi Agile Multiband™
	WMM®
Access	Wi-Fi Protected Setup™



**Security**

WPA™ - Personal  
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  
2 Spatial Streams 2.4 GHz  
2 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  
HT Duplicate Mode (MCS 32)

**Wi-Fi CERTIFIED™ ac**

2 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  
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 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

**Wi-Fi CERTIFIED 6™ (continued)**

MU EDCA Parameter set  
Multiple-BSSID Set  
Low Density Parity Check (LDPC) coding  
Operating Mode Rx

**Wi-Fi Agile Multiband™**

**WMM®**

**Wi-Fi Protected Setup™**

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