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/programs

Certification ID: WFA100145

Product Info

Date of Certification	July 3, 2020
Company	Xiaomi Communications
Product Name	Mi Router AX1800
Product Model Variant	2020-07-03 (WFA100145 - 11213773)
Model Number	RM1800
Category	Routers
Sub-category	Access Point for Home or Small Office (Wireless Router)

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Connectivity	2.4 GHz Spectrum Capabilities
	5 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
Optimization	WMM®
	Wi-Fi Agile Multiband™
Security	Protected Management Frames
	WPA2™-Personal 2018-04
	WPA3™-Personal 2019-08
	WPA™-Personal

Wi-Fi CERTIFIED™ Certificate

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Wi-Fi Components

Wi-Fi Component Operating System

Proprietary / Other, description:openWRT

Wi-Fi Component Firmware

1.0.38

RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	2	2
5 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

Protected Management Frames

WMM®

WPA2™-Personal 2018-04

WPA3™-Personal 2019-08

WPA™-Personal

Wi-Fi Agile Multiband™

Automatically populate BSS Transition candidate list
Cellular Data aware

Wi-Fi CERTIFIED 6®

A-MPDU with A-MSDU
Basic Trigger frame in HE MU PPDU
DL MU-MIMO
DL OFDMA
Individual Target Wake Time
LDPC Rx
LDPC Tx
MCS 8-9 Rx
MCS 8-9 Tx
MCS 10-11 Rx
MCS 10-11 Tx
MU EDCA Parameter Set element
Operating Mode indication
SU beamformer
TXOP RTS Threshold
UL OFDMA

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

RTS with BW Signaling
A-MPDU with A-MSDU
DL MU-MIMO

Wi-Fi CERTIFIED™ ac (continued)

LDPC Rx

LDPC Tx

MCS 8-9 Rx

Short Guard Interval

STBC

SU beamformer

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

OBSS on Extension Channel

Short Guard Interval

STBC

A-MPDU Tx