



This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: www.wi-fi.org/certification/programs

Certification ID: WFA133199

Product Info

Date of Certification October 29, 2024

Company Mercury Corporation

Product Name Matter Hub AP(WiFi 6)

Product Model Variant GiGA WiFi home ax

Model Number MHAP-6000

Category Routers

Sub-category Access Point for Home or Small Office (Wireless Router)

Summary of Certifications

CLASSIFICATION CERTIFICATION

Access Wi-Fi Protected Setup™

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™ n

Optimization WMM®

Wi-Fi Agile Multiband™ Wi-Fi EasyMesh™

Security Protected Management Frames

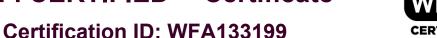
WPA2[™]-Enterprise 2018-04 WPA2[™]-Personal 2021-01 WPA3[™]-Enterprise 2020-02 WPA3[™]-Personal 2022-06

Spectrum & Regulatory

Features

Spectrum & Regulatory







Role: Access Point Page 2 of 4

Wi-Fi Components

Wi-Fi Component Operating System

Linux, version:5.4.188

Wi-Fi Component Firmware

1.1.1

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

160 MHz Channel Width in 5 GHz

WPA2™-Personal 2021-01

WPA3™-Enterprise 2020-02

EAP methods

WPA3™-Personal 2022-06

Wi-Fi Agile Multiband™

Cellular Data aware

Protected Management Frames

Spectrum & Regulatory

802.11d 802.11h

WMM®

WPA2[™]-Enterprise 2018-04

EAP methods

Wi-Fi CERTIFIED 6®

A-MPDU with A-MSDU

Basic Trigger frame in HE MU PPDU

BSRP Trigger frame

Compressed Block Ack Rx (buffer size 256)

Compressed Block Ack Tx (buffer size 256)

DL MU-MIMO

DL OFDMA

Individual Target Wake Time

LDPC Rx

LDPC Tx

MCS 8-9 Rx





Certification ID: WFA133199

Role: Access Point Page 3 of 4

Wi-Fi CERTIFIED 6® (continued)

MCS 8-9 Tx

MCS 10-11 Rx

MCS 10-11 Tx

MU EDCA Parameter Set element

MU-BAR Trigger frame

MU-RTS Trigger frame

M-BSSID

Operating mode indication

SU beamformer

SU-MIMO

TXOP RTS Threshold

UL OFDMA

Wi-Fi 6 Release 2 features

UL MU-MIMO

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

RTS with BW Signaling

Extended 5 GHz Channel Support

A-MPDU with A-MSDU

DL MU-MIMO

LDPC Rx

LDPC Tx

MCS 8-9 Rx

Short Guard Interval

STBC

SU beamformer

Wi-Fi CERTIFIED™ n

A-MPDU Tx

HT Duplicate Mode

OBSS on Extension Channel

Wi-Fi CERTIFIED™ n (continued)

Short Guard Interval

STBC

Wi-Fi Protected Setup™

PIN

Pushbutton





Certification ID: WFA133199

Role: Controller

Wi-Fi Components

Wi-Fi Component Operating System

Linux, version:5.4.188

Certifications

Wi-Fi EasyMesh™