

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: WFA128762

Product Info

Date of Certification January 12, 2024

Company Askey Computer Corporation

Product Name Business 5G Gateway

Product Model Variant NCM1120D2-D323

Model Number NCM1120D2-D323

Category Routers

Sub-category Cable, DSL or Other Broadband Gateway (Integrated Home Access

Device)

Summary of Certifications

CL ASSIFICATION	CERTIFICATION

Connectivity 2.4 GHz Spectrum Capabilities

5 GHz Spectrum Capabilities

Wi-Fi CERTIFIED 6®
Wi-Fi CERTIFIED™ a
Wi-Fi CERTIFIED™ b
Wi-Fi CERTIFIED™ g
Wi-Fi CERTIFIED™ n

Optimization WMM®

WMM®-Power Save Wi-Fi Agile Multiband™

Security Protected Management Frames

WPA2[™]-Personal 2021-01 WPA3[™]-Personal 2022-06

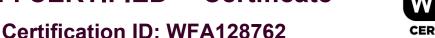
Spectrum & Regulatory

Features

Spectrum & Regulatory



Wi-Fi CERTIFIED™ Certificate





Role: Access Point Page 2 of 3

Wi-Fi Components

Wi-Fi Component Operating System

Linux

Wi-Fi Component Firmware

gem-mp-2102-mp5.V1.9

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

Wi-Fi Agile Multiband™

Automatically populate BSS Transition candidate list

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 A-MPDU with A-MSDU

Wi-Fi CERTIFIED 6®

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

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

Operating mode indication

SU beamformer

SU-MIMO

Protected Management Frames

Spectrum & Regulatory

802.11d

WMM®

WMM®-Power Save

WPA2™-Personal 2021-01

WPA3™-Personal 2022-06



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Wi-Fi CERTIFIED 6® (continued)

TXOP RTS Threshold UL OFDMA

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU

DL MU-MIMO

Extended 5 GHz Channel Support

LDPC Rx

LDPC Tx

MCS 8-9 Rx

RTS with BW Signaling

Short Guard Interval

STBC

SU beamformer

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

A-MPDU Tx

HT Duplicate Mode

OBSS on Extension Channel

Short Guard Interval

STBC