

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 ID: WFA125585

Product Info

Date of Certification January 8, 2024

Company Moxa Inc.

Product Name AWK-3252A

Product Model Variant AWK-3252A

Model Number AWK-3252A

Category Routers

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

Summary of Certifications

CLASSIFICATION CERTIFICATION

Network management WMM®

Security Protected Management Frames

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

Wi-Fi (MAC/PHY) 2.4 GHz Spectrum Capabilities

5 GHz Spectrum Capabilities

Spectrum & Regulatory
Wi-Fi CERTIFIED™ a
Wi-Fi CERTIFIED™ b
Wi-Fi CERTIFIED™ g
Wi-Fi CERTIFIED™ n



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Role: Access Point Page 2 of 3

Wi-Fi Components

Wi-Fi Component Operating System

Linux

Wi-Fi Component Firmware

v3.6.1

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

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

Protected Management Frames

Spectrum & Regulatory

802.11d

802.11h

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

WMM®

WPA2™-Personal 2021-01

WPA3™-Personal 2022-06

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ n

A-MPDU Tx

OBSS on Extension Channel

Short Guard Interval

STBC



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Role: Station Page 3 of 3

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Spectrum & Regulatory

802.11d

802.11h

WMM®

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