



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

Certification ID: WFA129344

Product Info

Date of Certification May 2, 2024

Company Nokia Shanghai Bell Co., Ltd.

Product Name Nokia WiFi Beacon 24

Product Model Variant Beacon 24

Model Number Beacon 24

Category Routers

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

Device)

Summary of Certifications

CLASSIFICATION (CERTIFICATION
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Access Wi-Fi Protected Setup™

Connectivity 2.4 GHz Spectrum Capabilities

5 GHz Spectrum Capabilities 6 GHz Spectrum Capabilities Wi-Fi CERTIFIED 6® Release 2

Wi-Fi CERTIFIED 7™
Wi-Fi CERTIFIED™ a
Wi-Fi CERTIFIED™ b
Wi-Fi CERTIFIED™ g
Wi-Fi CERTIFIED™ n

Wi-Fi Enhanced Open™ 2023-12

Optimization WMM®

Wi-Fi Agile Multiband™

Security Protected Management Frames

WPA2[™]-Enterprise 2018-04 WPA2[™]-Personal 2021-01 WPA3[™]-Enterprise 2022-12 WPA3[™]-Personal 2023-12

WPA™-Enterprise





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Summary of Certifications (continued)		Page 2 of 5
CLASSIFICATION	CERTIFICATION	
Security	WPA™-Personal	

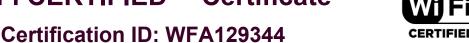




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Role: Access Point		Pa	age 3 of 5	
Wi-Fi Components				
Wi-Fi Component Operating System	RF Architecture			
Linux	Bands Supported	Transmit (Tx)	Receive (Rx)	
Wi-Fi Component Firmware	2.4 GHz	4	4	
QCA_Networking_202x_SPF				
	5 GHz	4	4	
	6 GHz	4	4	
Certifications				
2.4 GHz Spectrum Capabilities	WPA2™-Enterpris	WPA2™-Enterprise 2018-04 (continued)		
20 MHz Channel Width in 2.4 GHz	EAP methods			
40 MHz Channel Width in 2.4 GHz				
	WPA2™-Personal	2021-01		
5 GHz Spectrum Capabilities	WPA3™-Enterpris	a 2022-12		
20 MHz Channel Width in 5 GHz	THE EMELOIPTIC	0 2022 12		
40 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHz	EAP methods			
160 MHz Channel Width in 5 GHz				
	WPA3™-Personal	2023-12		
6 GHz Spectrum Capabilities	AKM 24			
20 MHz Channel Width in 6 GHz	Beacon Protection			
40 MHz Channel Width in 6 GHz				
80 MHz Channel Width in 6 GHz	WPA™-Enterprise	WPA™-Enterprise		
160 MHz Channel Width in 6 GHz	WPA™-Personal			
Protected Management Frames	Wi-Fi Agile Multiba	Wi-Fi Agile Multiband™		
WMM®	Wi-Fi CERTIFIED 6	Wi-Fi CERTIFIED 6® Release 2		
WPA2™-Enterprise 2018-04				







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Wi-Fi CERTIFIED 6® Release 2 (continued)

4 antenna support

A-MPDU with A-MSDU

Basic Trigger frame in HE MU PPDU

BSRP Trigger frame

Co-located BSS

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-BAR Trigger frame

MU-RTS Trigger frame

Operating Mode indication

SU beamformer

SU-MIMO

TXOP RTS Threshold

UL OFDMA

Wi-Fi 6E

Wi-Fi 6 Release 2 features

UL MU-MIMO

UL MU Control

UL Extended Range

Target Wake Time information frames

Broadcast Target Wake Time

Extended sleep

Dynamic MU SMPS

Wi-Fi CERTIFIED 7™

Wi-Fi CERTIFIED 7™ (continued)

A-MPDU with A-MSDU

BSRP Trigger frame

BSS critical update

Compressed Block Ack Rx (buffer size 256)

Compressed Block Ack Tx (buffer size 256)

DL MU-MIMO

DL OFDMA

Dynamic MU SMPS

EMLSR (Enhanced Multilink Single-Radio)

EPCS (Emergency Preparedness Communications Services)

priority access

LDPC Rx

LDPC Tx

MCS 8-9 Rx

MCS 8-9 Tx

MCS 10-11 Rx

MCS 10-11 Tx

MCS 12-13 Rx

MCS 12-13 Tx

Multi-RU

MU-RTS Trigger frame

Operating Mode indication

Static puncturing

STR (Simultaneous Transmit and Receive)

SU-MIMO

Triggered uplink access optimization

UL MU-MIMO

UL OFDMA

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU

DL MU-MIMO





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Role: Access Point	Page 5 of 5
Wi-Fi CERTIFIED™ ac (continued)	
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	
OBSS on Extension Channel	
Short Guard Interval	
STBC	
Wi-Fi Enhanced Open™ 2023-12	
Wi-Fi Protected Setup™	
PIN	
Pushbutton	