



# 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](http://www.wi-fi.org/certification/programs)



**Certification ID: WFA100049**

## Product Info

|                              |   |
|------------------------------|---|
| <b>Date of Certification</b> | September 24, 2021  |
| <b>Company</b>               | Nokia Shanghai Bell Co., Ltd.   |
| <b>Product Name</b>          | Nokia WiFi Beacon 6   |
| <b>Product Model Variant</b> | Nokia WiFi Beacon 6 HA-0336G-A 2x2                                    |
| <b>Model Number</b>          | HA-0336G-A  |
| <b>Category</b>              | Routers   |
| <b>Sub-category</b>          | Cable, DSL or Other Broadband Gateway (Integrated Home Access Device) |

## Summary of Certifications

| CLASSIFICATION      | CERTIFICATION   |
|---------------------|---|
| <b>Access</b>       | Wi-Fi Protected Setup™  |
| <b>Connectivity</b> | 2.4 GHz Spectrum Capabilities<br>5 GHz Spectrum Capabilities<br>Wi-Fi CERTIFIED 6®<br>Wi-Fi CERTIFIED™ a<br>Wi-Fi CERTIFIED™ ac<br>Wi-Fi CERTIFIED™ b<br>Wi-Fi CERTIFIED™ g<br>Wi-Fi CERTIFIED™ n |
| <b>Optimization</b> | WMM®<br>WMM®-Power Save<br>Wi-Fi Agile Multiband™<br>Wi-Fi EasyMesh™  |
| <b>Security</b>     | Protected Management Frames<br>WPA2™-Enterprise 2018-04<br>WPA2™-Personal 2018-04<br>WPA3™-Enterprise 2018-04<br>WPA3™-Personal 2019-08<br>WPA™-Enterprise<br>WPA™-Personal                       |



# Wi-Fi CERTIFIED™ Certificate

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Role: Access Point

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux, version:4.4.60

### Wi-Fi Component Firmware

3FE49062

### 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®

### WMM®-Power Save

Legacy Power Save  
Unschedule auto PS

### WPA2™-Enterprise 2018-04

EAP methods

### WPA2™-Personal 2018-04

### WPA3™-Enterprise 2018-04

EAP methods

### WPA3™-Personal 2019-08

### WPA™-Enterprise

### WPA™-Personal

### Wi-Fi Agile Multiband™

Automatically populate BSS Transition candidate list

### Wi-Fi CERTIFIED 6®

DL MU-MIMO  
DL OFDMA  
Individual Target Wake Time  
LDPC Rx  
LDPC Tx  
Operating Mode indication  
SU beamformer



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Role: Access Point

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## Wi-Fi CERTIFIED 6® (continued)

UL OFDMA

## Wi-Fi CERTIFIED™ a

## Wi-Fi CERTIFIED™ ac

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™ b

## Wi-Fi CERTIFIED™ g

## Wi-Fi CERTIFIED™ n

OBSS on Extension Channel  
Short Guard Interval  
STBC  
A-MPDU Tx

## Wi-Fi EasyMesh™

Backhaul Link  
    Backhaul in 5 GHz high band  
    Backhaul over Ethernet  
Fronthaul Access Point  
    Fronthaul in 2.4 GHz  
    Fronthaul in 5 GHz low band

## Wi-Fi EasyMesh™ (continued)

Fronthaul in 5 GHz high band  
Client Capability Query  
Unassociated STA Link Metrics Reporting  
Backhaul onboarding with Pushbutton  
Coordinated CAC  
Traffic separation

## Wi-Fi Protected Setup™

PIN  
Pushbutton



# Wi-Fi CERTIFIED™ Certificate

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Role: Controller

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## Wi-Fi Components

### Wi-Fi Component Operating System

Linux, version:4.4.60

## Certifications

Wi-Fi EasyMesh™