# 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: WFA121821

## Product Info

| | |
|---|---|
| **Date of Certification** | March 6, 2024 |
| **Company** | Sony Group Corporation |
| **Product Name** | Lynx |
| **Product Model Variant** | NSD-M1000 |
| **Model Number** | NSD-M1000 |
| **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<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 |
| **Optimization** | WMM®<br>Wi-Fi Agile Multiband™<br>Wi-Fi EasyMesh™ |
| **Security** | Protected Management Frames<br>WPA2™-Personal 2021-01<br>WPA3™-Personal 2022-06<br>WPA™-Personal |
| **Spectrum & Regulatory Features** | Spectrum & Regulatory |

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## Wi-Fi Components

**Wi-Fi Component Operating System**

1.0

**Wi-Fi Component Firmware**

v1.0.0.99

### 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

**Protected Management Frames**

**Spectrum & Regulatory**

802.11d
802.11h

**WMM®**

**WPA2™-Personal 2021-01**

**WPA3™-Personal 2022-06**

**WPA™-Personal**

**Wi-Fi Agile Multiband™**

**Wi-Fi CERTIFIED 6®**

A-MPDU with A-MSDU
Basic Trigger frame in HE MU PPDU
BSRP Trigger frame
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
UL OFDMA

**Wi-Fi CERTIFIED™ a**

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### 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

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

### Wi-Fi EasyMesh™

Backhaul Link
  Backhaul in 2.4 GHz
  Backhaul in 5 GHz low band
  Backhaul in 5 GHz high band
Fronthaul Access Point
  Fronthaul in 2.4 GHz
  Fronthaul in 5 GHz low band
  Fronthaul in 5 GHz high band
Backhaul onboarding with Pushbutton
Channel Scan on Request
Unassociated STA Link Metrics Reporting

### Wi-Fi Protected Setup™

PIN
Pushbutton