Navijin

DATASHEET

WIRELESS INFRASTRUCTURE / **OUTDOOR ACCESS POINT**

# NW-OAP739-2.5G

Wi-Fi 7 tri-band outdoor wireless access point

PRODUCT PAGE

NW-OAP739-2.5G




## Overview

The Navijin NW-OAP739-2.5G is a weatherproof outdoor Wi-Fi access point – Wi-Fi 7 Tri-band outdoor wireless access point. Key specifications include: · Outdoor case designed, built-in 6dBi; · Up to 9300Mbps wireless data rate; · Support 2.5G WAN Interface and an extra 1G LAN Interface. It extends wireless coverage to courtyards, pools, parking areas, stadiums, campuses, ports and industrial yards, and can be managed centrally with Navijin controllers.

## Key Features

- Outdoor enclosure with built-in 6dBi antennas
- Up to 9300Mbps wireless data rate
- 2.5G WAN interface plus an extra 1G LAN interface
- 350+ concurrent users
- IPv6, Mesh and 802.11k/v/r seamless roaming

## Hardware

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|---|---|
| **Wi-Fi Standard** | IEEE 802.11b/g/n/ac/ax/be |
| **Data Rate** | 2.4GHz: 688Mbps / 5.8GHz: 2882Mbps / 6G: 5764Mbps |
| **Operation Frequency** | 2.4G: 2400–2484MHz / 5.8G: 5150–5850MHz / 6G: 5925–7125MHz |
| **Antenna** | Built-in 6dBi |
| **Transmit Power** | 2.4G: 11b≥28dBm/chain, 11n HT20≥24dBm/chain, 11ac HT40≥23dBm/chain, 11ax HT40≥17dBm/chain<br>5.8G: 11n≥27dBm/chain; 11ac≥23dBm/chain; 11ax≥18dBm/chain<br>6G: 11n≤22dBm/chain |

| | |
|---|---|
| **Ethernet** | 1× 10/100/1000/2500Mbps RJ45 port, WAN/PoE<br>1× 10/100/1000Mbps RJ45 port<br>1× USB port (optional)<br>1× SFP port (optional) |
| **Access Users** | 350+ Clients |
| **Power Supply** | DC 12V/2A; 48V PoE (IEEE 802.3at) |
| **Power Consumption** | <25W |
| **Operating Conditions** | Working Temp.: -20°C~45°C / Storage Temp.: -40°C~70°C / Humidity: 5%~95% |
| **ROM** | 128MB Flash |
| **RAM** | 512MB DDR4 |
| **Button** | Reset button |
| **LED Indicator (Green)** | SYS / 2.4G / 5.8G / 6G |

## Firmware

| | |
|---|---|
| **Operation Mode** | AP / Router / Mesh |
| **Wireless Functions** | 8× multiple SSID<br>Hidden SSID<br>Seamless roaming, 802.11k/v/r<br>5G priority for faster access<br>MAC filter, IP filter |
| **IP Protocol** | IPv4/IPv6 |
| **VPN** | OpenVPN and VPN client (L2TP, PPTP), IPSec |
| **Firewall** | Port mapping, host mapping, DMZ, access control |
| **Security** | Open, WPA, WPA2-PSK TKIP/AES, WPA2-EAP, 802.1X, WPA3 |
| **SD-LAN** | Supported together with the AC controller |
| **Authentication** | Captive portal / Billing / PPPoE / Wi-Fi Dog / CMCC portal / RADIUS server / LDAP server / SMS authentication |
| **AP Management** | AP group / RF adjusting / network topology / RF power setting / channel setting<br>IP address setting |
| **Device Management** | GUI web management<br>AC controller, central and remote management<br>Cloud central and remote management<br>Firmware back-up, restore, reset, upgrade |

**Warranty & support** Local RMA and technical support through our regional hub in Dubai and our authorized partners. Certificates and project pricing on request. **navijin.com** · **sales@navijin.com**

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