

## Dual Band WiFi 7 Outdoor Wireless AP



### DESCRIPTION

The NODEXON NX-AP7000-O7 is a high-performance Wi-Fi 7 (802.11be) dual-band outdoor access point designed to deliver fast, stable, and reliable wireless connectivity in demanding outdoor environments. It features a 2x2 configuration on both the 2.4GHz and 5GHz bands, providing efficient wireless performance and broad connectivity.

The 2.4GHz band delivers a maximum access rate of up to 688Mbps, while the 5GHz band provides speeds of up to 2882Mbps, achieving a combined throughput of nearly 3600Mbps. Supporting up to 128 concurrent users, the NX-AP7000-O7 is ideal for outdoor public areas, commercial spaces, campuses, industrial sites, CCTV networks, and other high-density wireless applications.

### FEATURES & BENEFITS

- WiFi 7 standard, 2.4GHz(688Mbps), 5GHz(2882Mbps) dual-band wireless rate
- Built-in 4 omnidirectional antennas, coverage radius >300 meters
- 2x2 (2.4GHz) + 4x4 (5GHz), a total of 6 streams
- Commercial-grade Qualcomm solution, with a maximum of 128 users connected
- Provides 1x2.5G RJ45 port + 1xGigabit RJ45 port
- Outdoor UV-resistant housing, IP67 protection, -30°C~55°C wide operating temperature
- Support PoE/DC flexible power supply, support pole/wall mounting



3600Mbps



Wireless  
Dual-Band



Full Gigabit  
Ethernet  
Port



PoE/DC  
Power  
Supply



Fat &  
Skinny



Seamless  
Roaming



Commercial  
Cloud  
Platform



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HARDWARE SPECIFICATION

| MODEL                   | NX-AP7000-O7                                                                                                                                |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 2.4GHz Frequency Band   | 2.4GHz ~ 2.484GHz                                                                                                                           |
| 2.4GHz WIFI Protocol    | 802.11 b/g/n/ax/be                                                                                                                          |
| 5GHz Frequency Band     | 5.150GHz ~ 5.850GHz                                                                                                                         |
| 5GHz WIFI Protocol      | 802.11 a/n/ac/ax/be                                                                                                                         |
| Built-in antenna 2.4GHz | 2 × 2.4GHz antennas, each gain: 4dBi                                                                                                        |
| Built-in antenna 5GHz   | 2 × 5GHz antennas, each gain: 4dBi                                                                                                          |
| Wireless Speed          | 2.4GHz provides a maximum access rate of 688Mbps, and 5GHz provides a maximum access rate of 2882Mbps, with a total rate of nearly 3.6Gpbs. |
| Device Capacity         | 128                                                                                                                                         |
| 2.4GHz Tx Power         | <24±2dBm                                                                                                                                    |
| 5GHz Tx Power           | <23±2dBm                                                                                                                                    |
| Interface (WAN)         | 1 × 10/100/1000/2500Mbps WAN port, support 802.3at input                                                                                    |
| Interface (LAN)         | 1 × 10/100/1000Mbps LAN port                                                                                                                |
| Buttons                 | Reset button (Press and hold for 6-10 seconds to restore to factory default settings)                                                       |
| Status Indicator        | PWR light, SYS light, WAN port light, 2.4GHz light, 5GHz light                                                                              |
| Power Supply            | PoE 802.3at                                                                                                                                 |
| Power Consumption       | <20W                                                                                                                                        |
| Dimensions              | 304mm × 181mm × 88mm                                                                                                                        |
| Net Weight              | 1.6kg                                                                                                                                       |
| Work Environment        | Normal operating temperature: -30°C to 55°C<br>Storage temperature: -40°C to 70°C<br>Humidity: 5% to 95% (no condensation)                  |
| Protection Level        | IP67                                                                                                                                        |



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ORDER INFORMATION

| PART NUMBER  | DESCRIPTION                                  |
|--------------|----------------------------------------------|
| NX-AP7000-07 | NODEXON Dual Band WiFi 7 Outdoor Wireless AP |

**Note:**

*\*Unless TAA compliance is explicitly requested and confirmed per line item prior to order processing, standard commercial (non-TAA) equivalents or general inventory items may be supplied.*

*To maintain high quality and continuous improvement, the vendor reserves the right to alter product specifications at any time without prior notification.*

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