

Tri-Band WiFi 7 Outdoor Wireless AP



DESCRIPTION

NODEXON NX-AP13G-O7 is a high-performance, high-speed Wi-Fi 7 outdoor tri-band wireless access point designed to provide fast, stable, and reliable connectivity in demanding outdoor environments. It supports wireless services across 2.4GHz, 5.1GHz, and 5.8GHz bands with a powerful 12-stream configuration, consisting of 4x4 on each frequency band.

The 2.4GHz band delivers a maximum access rate of up to 1376Mbps, while both the 5.1GHz and 5.8GHz bands provide speeds of up to 5764Mbps each. With high-speed multi-band performance and strong wireless capacity, the NX-AP13G-O7 is ideal for campuses, industrial sites, public venues, outdoor commercial areas, large events, and other high-density outdoor networking applications.

FEATURES & BENEFITS

- › WiFi 7 standard, support 2.4GHz(1376Mbps), 5GHz(5764Mbps), 5GHz(5764Mbps) tri-band wireless rate
- › 4x4 (2.4GHz) + 4x4 (5GHz) + 4x4 (5GHz), a total of 12 streams
- › Commercial-grade Qualcomm ARM quad-core solution, maximum number of user accesses 1536
- › 1x10G optical port + 1x10G RJ45 port (802.3bt) + 1x2.5G RJ45 port
- › All-metal aluminum shell, industrial-grade IP67 protection, -40°C~70°C wide operating temperature
- › Support PoE/DC flexible power supply, support pole/wall mounting
- › Support cloud platform/APP operation and maintenance, easy to maintain



5764Mbps



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-AP13G-O7
2.4GHz Frequency Band	2.4GHz ~ 2.484GHz (802.11 b/g/n/ax/be)
5GHz Frequency Band	5.150GHz ~ 5.850GHz (802.11 a/n/ac/ax/be)
Antennas	8 × 2.4GHz/5GHz omnidirectional antennas, each with a gain of 6dBi
Wireless Speed	2.4GHz provides a maximum access rate of 1376Mbps, 5GHz1 provides a maximum access rate of 5764Mbps, and 5GHz2 provides a maximum access rate of 5764Mbps, with a total rate of nearly 13Gpbs.
Device Capacity	1536
2.4GHz Tx Power	<24±2dBm
5GHz Tx Power	<23±2dBm
Interface	1 × 10G SFP optical port 1 × 10GE WAN port, supporting PoE 48V input 1 × 10/100/1000/2500Mbps LAN port
Buttons	Reset button (Press and hold for 6-10 seconds to restore to factory default settings)
Status Indicator	WAN port light: Silkscreen WAN: single green light on the front; always on for UP, off for Down, flashes when there is data LAN port light: Silkscreen LAN: single green light on the front; always on for UP, off for Down, flashes when there is data WiFi light: Silkscreen WiFi: Green/blue dual color on the front; 2.4GHz is always green when turned on, off when turned off, and flashes when there is data; 5GHz is always blue when turned on, off when turned off, and flashes when there is data SFP interface light: Silkscreen SFP: single green light on the front; always on for UP, off for Down, flashing when there is data Power/SYS: Silk-screen SYS: Red/green dual colors on the front; the red light is always on immediately after power is turned on, and the red light goes out and the green light is always on after the system starts
Power Supply	PoE 802.3bt, DC2.0 54V/1A
Power Consumption	<42W
Dimensions	318.4mm × 269.4mm × 90.2mm
Work Environment	Normal operating temperature: -40°C to 70°C Storage temperature: -40°C to 70°C Humidity: 5% to 95% (no condensation)
Protection level	IP67



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ORDER INFORMATION

PART NUMBER	DESCRIPTION
NX-API3G-O7	NODEXON Tri-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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