

Tri-Band WiFi 7 Outdoor Wireless AP



DESCRIPTION

NODEXON NX-AP19G-O7 is a high-performance, high-speed Wi-Fi 7 outdoor tri-band wireless access point designed to deliver fast, stable, and reliable connectivity in high-density environments. It supports wireless services across 2.4GHz, 5GHz, and 6GHz frequency bands with a powerful 12-stream configuration, consisting of 4×4 on each band.

Designed for demanding outdoor applications, the NX-AP19G-O7 provides enhanced wireless capacity and efficient multi-device connectivity. Supporting up to 1536 concurrent users, it is ideal for campuses, public venues, industrial sites, outdoor commercial spaces, stadiums, large events, and other high-density networking environments.

FEATURES & BENEFITS

- › WiFi 7 standard, support 2.4GHz(1376Mbps), 5GHz(8646Mbps), 6GHz(11528Mbps) tri-band wireless rate
- › 4×4 (2.4GHz) + 4×4 (5GHz) + 4×4 (6GHz), a total of 12 streams
- › Commercial-grade Qualcomm ARM quad-core solution, maximum number of user accesses 1536
- › 1×10G optical port + 1×10G RJ45 port (802.3bt) + 1×2.5G 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



11528Mbps



Wireless
Dual-Band



Full Gigabit
Ethernet
Port



PoE/DC
Power
Supply



Fat &
Skinny



Seamless
Roaming



Commercial
Cloud
Platform

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HARDWARE SPECIFICATIONS

MODEL	NX-AP19G-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)
6GHz Frequency Band	5.925GHz ~ 7.125GHz (802.11 a/n/ac/ax/be)
2.4GHz/5GHz Antenna	4 × 2.4GHz/5GHz omnidirectional antennas, each with a gain of 6dBi
6GHz antenna	4 × 6GHz omnidirectional antennas, each with a gain of 6dBi
Wireless Speed	2.4GHz provides a maximum access rate of 1376Mbps, 5GHz provides a maximum access rate of 8646Mbps, and 6GHz provides a maximum access rate of 11528Mbps, with a total rate of nearly 19Gpbs.
Device Capacity	1536
2.4GHz Tx Power	<24±2dBm
5GHz Tx Power	<23±2dBm
6GHz Tx Power	<23±2dBm
Interface	1 × 10G SFP optical port 1 × 10G WAN port, support 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, 6GHz 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, DC2.054V/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-AP19G-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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