

Dual-Band WiFi 6 Outdoor Wireless AP



DESCRIPTION

The NODEXON NX-AP3000G-O6 is an entry-level dual-band Wi-Fi 6 (802.11ax) outdoor wireless access point designed to provide stable, reliable, and efficient wireless connectivity. It supports wireless services across both 2.4GHz and 5GHz frequency bands, making it suitable for various outdoor networking environments.

The 2.4GHz band provides a maximum access rate of up to 574Mbps, while the 5GHz band delivers speeds of up to 2402Mbps. Offering a practical balance of performance and affordability, the NX-AP3000G-O6 is ideal for small businesses, commercial spaces, outdoor areas, campuses, CCTV systems, and other applications requiring dependable high-speed wireless connectivity.

FEATURES & BENEFITS

- WiFi 6 standard, providing 2.4GHz(574Mbps), 5GHz(2402Mbps) dual-band wireless rate
- 2×omnidirectional waterproof antennas, 2×2 (2.4GHz) + 2×2 (5GHz) for a total of 4 streams
- Maximum number of user accesses: 128, coverage radius >200 meters
- Provides 2×Gigabit RJ45 ports
- Outdoor UV-resistant housing, IP65 protection, -30°C~55°C wide operating temperature
- Support PoE/DC flexible power supply, support pole/wall mounting



3000Mbps



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-AP3000G-O6
2.4GHz Frequency Band	2.4GHz ~ 2.484GHz (802.11 b/g/n/ax)
5GHz Frequency Band	5.150GHz~5.850GHz (802.11 a/n/ac/ax)
Antenna	Two external 2.4GHz/5GHz dual-band waterproof antennas, each with a gain of 5dBi
Wireless Speed	2.4GHz provides a maximum access rate of 574Mbps, and 5GHz provides a maximum access rate of 2402Mbps
Device Capacity	128
2.4GHz Tx Power	<23±2dBm
5GHz Tx Power	<22.5±2dBm
Interface	1 × 10/100/1000Mbps WAN port, supports 48V PoE power supply 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, WAN port light, LAN port light, 2.4GHz light, 5GHz light
Power Supply	DC2.012V/1.5A, PoE802.3af
Power Consumption	<10W
Dimensions	196mm×86mm×40mm
Net Weight	0.4kg
Work Environment	Normal operating temperature: -30°C to 55°C Storage temperature: -40°C to 70°C Humidity: 5% to 95% (no condensation)
Protection Level	IP65



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SOFTWARE SPECIFICATION

MODEL	NX-AP3000G-O6
Front Page	Working mode: Fat AP mode and Thin AP mode Wireless AP download rate, wireless AP upload rate, running time Device information, device description, intranet information, WIFI information
Support Mode	Gateway mode: The device is connected to the WAN through the WAN port and then accesses the Internet using static IP, DHCP or PPPoE AP mode: The device covers other clients and devices with wireless network signals and uses Ethernet to connect to other routers to access the WAN.
Wireless Capabilities	SSID Broadcast Number of SSIDs: 4 (2.4GHz) + 4 (5GHz), support Chinese SSID Hide SSID function Wireless encryption: OPEN, WPA/WPA2PSK-TKIPAES, WPA3PSK-AES Wireless MAC address filtering: support whitelist WiFi timer off function User isolation: isolation between wireless networks and isolation within APs Transmit power setting Wireless client number limit QoS: WMM
Network Features	Connection method: static address, obtained from the management server, obtained from the gateway DHCP server: It can be a built-in DHCP server or an external DHCP server Cloud Platform Server Firewall function PPPoE function: Support PPPoE dial-up function
Device Management	Backing up configuration information Restore configuration information Restore factory settings Restart includes scheduled restart and immediate restart Firmware Upgrade Time management includes system display time and time synchronization System log Fat and thin AP switching function

ORDER INFORMATION

PART NUMBER	DESCRIPTION
NX-AP3000G-O6	NODEXON Dual-Band WiFi 6 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.