

Dual-Band WiFi 6 Outdoor Wireless AP



DESCRIPTION

The NODEXON NX-AP3600-O6 is a high-performance 4T4R dual-band Wi-Fi 6 (802.11ax) wireless access point designed to provide fast, stable, and reliable wireless connectivity. It supports dual-band wireless services across 2.4GHz and 5GHz, delivering efficient performance for a wide range of indoor and 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. With its 4T4R configuration and dual-band capabilities, the NX-AP3600-O6 is ideal for offices, commercial spaces, public areas, enterprises, CCTV systems, and other applications requiring high-speed and dependable wireless connectivity.

FEATURES & BENEFITS

- WiFi 6 standard, 2.4GHz (574Mbps), 5GHz (2402Mbps) dual-band wireless rate
- Built-in 4 omnidirectional antennas, coverage distance >300 meters
- 2×2 (2.4GHz) + 2×2 (5GHz), a total of 4 streams
- Commercial-grade Qualcomm solution, with a maximum of 128 users connected
- Provides 1×2.5G RJ45 port + 1×Gigabit 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-AP3600-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)
Internal Antenna 2.4GHz	2 × 2.4GHz antenna, each gain: 5dBi
Internal Antenna 5GHz	2 × 5GHz antenna, each gain: 6dBi
Wireless Speed	2.4GHz provides a maximum access rate of 574Mbps, and 5GHz provides a maximum access rate of 2402Mbps
Device Capacity	256
2.4GHz Tx Power	<24±2dBm
5GHz Tx Power	<25±2dBm
Interface	1 × 10/100/1000/2500Mbps WAN port, support PoE 48V power supply 1 × 10/100/1000Mbps LAN port
Button	Reset button (Press and hold for 6-10 seconds to restore to factory default settings)
Status Indicator	WAN light, SYS light, LAN port light, 5GHz light, 2.4GHz light
Power Supply	PoE 802.3at
Power Consumption	<19W
Dimensions	304mm × 181mm × 88mm
Net Weight	1.2kg
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	IP67



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ORDER INFORMATION

PART NUMBER	DESCRIPTION
NX-AP3600-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.

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