

WiFi 6 Dual-Band Wireless Ceiling AP



DESCRIPTION

The NODEXON NX-AP1800-C6 is a high-performance, high-speed indoor Wi-Fi 6 (802.11ax) dual-band ceiling-mounted access point designed to provide fast, stable, and reliable wireless connectivity. It supports both 2.4GHz and 5GHz frequency bands, making it suitable for a wide range of indoor networking environments.

The access point delivers speeds of up to 574Mbps on the 2.4GHz band and up to 1800Mbps on the 5GHz band, ensuring smooth and efficient data transmission. It is ideal for offices, hotels, schools, commercial spaces, and other indoor environments requiring dependable high-speed wireless connectivity.

FEATURES & BENEFITS

- › WiFi 6 standard, 1800Mbps dual-band wireless rate
- › Support seamless roaming, high-density deployment, and 128 devices
- › 2×2 (2.4GHz) + 2×2 (5GHz) total 4 streams
- › Provides 2×Gigabit network ports, supporting mainstream high-bandwidth access
- › Support standard PoE and DC power supply, fat and thin in one
- › Support ceiling or wall mounting, simple and easy to operate
- › Support cloud platform/APP operation and maintenance, easy to maintain



1800Mbps



Wireless
Dual-Band



Full Gigabit
Ethernet
Port



PoE/DC
Power
Supply



Fat &
Skinny



Seamless
Roaming



Commercial
Cloud
Platform



Dual-Band WiFi 6 Wireless Ceiling AP



HARDWARE SPECIFICATION

MODEL	NX-API1800-C6
2.4GHz Frequency Band	2.4GHz ~ 2.484GHz
2.4GHz WiFi Protocol	802.11 b / g / n /ax
5GHz Frequency Band	5.150GHz ~ 5.850GHz
5G Hz WiFi Protocol	802.11a/n/ac/ax
Maximum Speed	2.4GHz Max. access rate: 574Mbps, 5GHz Max. access rate: 1201Mbps
Device Capacity	128
Tx Power	2.4GHz: <22±2dBm 5GHz: <20±2dBm
Interface (WAN)	1/10/100/1000Mbps Self-adaptive WAN Port, Supports PoE 48V power supply
Interface (LAN)	1/10/100/1000Mbps Self-adaptive LAN Port
Antenna	Built-in omnidirectional antennas
External Button	Reset Button (hold 6-10 seconds to restore factory defaults)
Status indicator	WAN port light, LAN port light, Tri-color light (three different colors indicate: SYS-red, 2.4G-green, 5.8G-blue)
Power supply	DC2.012V 1.5A, PoE802.3af
Power Consumption	<15W
Dimensions	186mm×186mm×36mm
Net Weight	0.4kg
Work Environment	Working:-10°C to 45°C Storage: -40°C to 70°C Humidity: 5%~95% (Non-Condensing)

ORDER INFORMATION

PART NUMBER	DESCRIPTION
NX-API1800-C6	NODEXON Dual-Band WiFi 6 Ceiling 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.

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